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JUNE 1972

—SPACE SHUTTLE—

**SPACE SHUTTLE ABORT
SEPARATION PRESSURE
INVESTIGATION**

VOLUME I PART B

BOOSTER DATA AT MACH 5

by

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**SADSAC SPACE SHUTTLE
AEROTHERMODYNAMIC
DATA MANAGEMENT SYSTEM**

**CONTRACT NAS8-4016
MARSHALL SPACE FLIGHT CENTER**

SPACE DIVISION



**CHRYSLER
CORPORATION**

AEDC-VKF TUNNEL A

**Arnold Engineering
Development Center**

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SADSAC/SPACE SHUTTLE

WIND TUNNEL TEST DATA REPORT

CONFIGURATION: MDAC Orbiter and Booster Shuttle Models; 0.00556 Scale

TEST PURPOSE: Experimental Pressure Investigation of Space Shuttle Booster
and Orbiter Vehicles in Proximity at Mach Numbers of 2.0
to 5.0

TEST FACILITY: AEDC-VKF Tunnel A

TESTING AGENCY: LaRC/MSFC

TEST NO. & DATE: AEDC STS 1163; 22 through 27 July, 1971

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SPACE SHUTTLE ABORT SEPARATION

PRESSURE INVESTIGATION

By D. A. Love, etc.

S U M M A R Y

This report presents pressure data obtained from a joint Langley Research Center (LaRC)/Marshall Space Flight Center (MSFC) Space Shuttle abort stage separation wind tunnel test. The .00556 scale models of the McDonnell-Douglas orbiter and booster configurations were tested in proximity in Tunnel A of the Von Karman Facility (VKF), Arnold Engineering Development Center (AEDC) during the time period of July 22 to July 27, 1971. Data were obtained for nominal Mach numbers of 5.0, 3.0, and 2.0 and nominal Reynolds numbers of 1.09, 1.60, and 1.74 million per foot, respectively. Pressure data were obtained for the booster upper surface and orbiter lower surface at angles of attack of -10° , -5° , 0° , 5° , and 10° for zero degrees sideslip. For the complete pressure tap layout refer to figures 1 and 2 and tables II and III. The models were tested at incidence angles of 0° and 5° for several separation distances and power conditions. Plug nozzles utilizing air were used to simulate booster and orbiter plumes at various altitudes along a nominal ascent trajectory. Powered conditions were 100, 50, and 0 percent of full power for the orbiter and 100, 50 and 0 percent of full power for the booster. Data were also obtained with the booster canard off in close proximity.

Plotted data for this test will be published under one data report number (DMS-DR-1174) with six volumes as described below:

<u>Volume</u>	<u>Description</u>
I (Parts A & B)	Mach Number 5 Booster Pressure Data
II (Parts A & B)	Mach Number 5 Orbiter Pressure Data
III	Mach Number 3 Booster Pressure Data
IV	Mach Number 3 Orbiter Pressure Data
V	Mach Number 2 Booster Pressure Data
VI	Mach Number 2 Orbiter Pressure Data

NOMENCLATURE

AEDC STS 1163

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
a		Speed of sound; m/sec, ft/sec
b/2		Vehicle wing semi-span; in.
c		Local airfoil chord; in.
c.g.		Center of gravity
CP	CP	Pressure coefficient, $\frac{P_l - P_\infty}{q}$
L	L	Body length; in.
M _∞	MACH	Free stream mach number; V/a
P _l		Local static pressure; psia
P _o		Free stream total pressure; psia
P _∞		Free stream static pressure; psia
q		Dynamic pressure; psi
RN/L	RN/L	Unit Reynolds number; per foot
T _o		Freestream total temperature, °F
V		Velocity; m/sec, ft/sec
x		Distance from vehicle nose; in.
x/c	X/C	Local chord position
x/L	X/L	Longitudinal position
y		Distance from lateral centerline, in.
y/b/2	Y/B	Local semi-span position

NOMENCLATURE (Continued)

AE DC STS 1163

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
α_B	ALPHAB	Booster angle of attack; degrees
α_0	ALPHA ϕ	Orbiter angle of attack; degrees
α_1	ALPHAI	Incidence angle between the orbiter and booster, $\alpha_1 = \alpha_0 - \alpha_B$; degrees
β	BETA	Angle of sideslip; degrees
θ	THETA	Angle measured from vehicle top center-line; degrees
PWR_B	BSTP ϕ W	Booster power, percent of full thrust
PWR_0	ϕ RBP ϕ W	Orbiter power, percent of full thrust
X/L_B	DELTA X	Distance between the c.g. of the orbiter and booster measured parallel to the longitudinal axis of the booster, positive when the orbiter c.g. is forward of the booster c.g., the distance has been normalized with respect to the booster fuselage length (16.184 inches)
Z/L_B	DELTA Z	Distance between the c.g. of the orbiter and booster measured normal to the longitudinal axis of the booster, positive when the orbiter c.g. is above the booster c.g., the distance has been normalized with respect to the booster fuselage length (16.184 inches)

CONFIGURATIONS INVESTIGATED

The two configurations tested were the MDAC orbiter and booster, figures 3 and 4 respectively. The orbiter is basically the configuration illustrated on MDAC drawing number 255BJ0050. Modifications made on the orbiter to allow for installation of the nozzle assembly are shown in figure 3.

The booster configuration is basically the configuration designated 19A by MDAC (drawing number 256-19-0001). The body, wing, and canard of the booster model are that of configuration 19A except that the body does not have a base flare or boattail, figure 4. The vertical tails are those which were designed for the configuration designated 17 (drawing number 256-17-001).

Dimensional data for both vehicles are shown in Table IV. Figures 7, 8, and 9 are photographs showing both models and models with associated separation hardware. Figures 8 and 9 also show the trip strip installation. For Mach 5 a grit size of #26 was utilized.

NOZZLE CALIBRATION

Two plug nozzle systems were designed and fabricated to simulate the rocket exhaust plume emitting from the booster and orbiter main propulsion systems during the staging. Each nozzle was designed based on the gasdynamic simulation parameters established in Ref. 1. A variable area ratio capability was incorporated into both nozzle systems to permit the proper gasdynamic simulation of the full scale rocket exhaust plume at the various trajectory conditions of interest. Photographs of the nozzle hardware are shown in figures 10, 11 and 12.

Nozzle Calibration Test Objectives

The objectives of the nozzle calibration test were:

- o Establish, experimentally, nozzle performance characteristics for the range of area ratio settings to be used with the booster and orbiter nozzles, respectively.
- o Establish the degree of plume simulation obtained with the booster and orbiter nozzles, respectively.
- o Establish a curve (based on experimental results) of nozzle exit conditions as a function of nozzle area ratio setting.

Nozzle Calibration

Calibration testing of the booster and orbiter plug nozzles was accomplished in Tunnel C of the Arnold Engineering Development Center's Von Karman Gas Dynamics Facility. The nozzles were tested individually at a series of area ratio settings. Nozzle operating conditions (chamber pressure, P_{0j} ; and chamber temperature, T_{0j}) were maintained in a range compatible with the abort staging test conditions. A quiescent low pressure, P_b , condition was maintained in the test cell. Data recorded at each area ratio setting included: optical data to determine plume shapes; static pressure measurements on the sting surface at the nozzle exit; nozzle mass flow measurements; and pitot pressure surveys in the plume at several locations downstream of the nozzle exit plane. The various test parameters sampled at each setting were correlated during the data evaluation to establish actual nozzle performance characteristics.

In a parallel effort, analytical solutions of the nozzle flow field and associated plume were generated for various area ratio settings of the booster and orbiter models. A method of characteristics solution employing real gas thermodynamic data for air was utilized in the calculations. Analytical results for each area ratio setting included: plume shape; static pressure distribution

NOZZLE CALIBRATION (Continued)

along sting surface; and plots of constant Mach number and constant pitot pressure contours in the plume flow field. These results formed a baseline for evaluating the experimentally measured performance of the plug nozzles.

A detailed evaluation of the calibration test results has been prepared and presented in Reference 2. Included in this reference are curves relating experimentally measured nozzle performance to nozzle area ratio settings for both booster and orbiter. These curves were utilized to set the correct nozzle area ratio for exhaust plume gasdynamic simulations during the test.

TEST PROCEDURE

Abort staging was simulated by movement of the orbiter model through a matrix of points in the booster model flow field. Vertical and axial translation of the orbiter model was provided by an electrically driven remotely controlled positioning mechanism. The general arrangement of the models in the tunnel is shown in figure 5. The orbiter positioning mechanism and the booster model support were attached to the wind tunnel angle of attack system which provided ± 10 -degree angle of attack variation for the booster-orbiter combination. Incidence angle variation was provided by manual adjustment of the orbiter sting.

The orbiter positioning mechanism provided axial translation of approximately 17 inches and vertical translation of approximately 15 inches with respect to the booster. An automatic control system allowed a series of positions to be programmed prior to a test run. The control system had provisions for 25 different X-positions and 25 different Z-positions. For these tests, however, only a maximum of 6 X-positions and 5 Z-positions were utilized. All X and Z positions except the first and last could be switched in or out of the matrix as desired.

The automatic positioning mechanism was utilized in the pitch pause mode for this test. Pressure data was obtained at pre-selected angles of attack for a given relative position after which the automatic mechanism advanced to the next matrix position. The entire matrix was covered in this manner.

Plume simulation was provided by a single torodial nozzle in each model. The nozzles were designed with variable area ratio capability to permit proper simulation of the full-scale rocket plume at the various trajectory conditions of interest. Pretest calibration of the nozzles was used to correlate area ratio settings with measured plume shapes, nozzle mass flow, and nozzle exit static pressure. Air heated to approximately 100°F was supplied to the nozzles, and separate controls for the booster and orbiter supplies were provided.

TEST FACILITY DESCRIPTION

Tunnel A is a continuous, closed-circuit, variable density wind tunnel with an automatically driven flexible-plate-type nozzle and a 40- by 40-inch test section. The tunnel can be operated at Mach numbers from 1.5 to 6 at maximum stagnation pressures from 29 to 200 psia, respectively, and stagnation temperatures up to 750°R ($M_\infty = 6$). Minimum operating pressures range from about one-tenth to one-twentieth of the maximum at each Mach number. For a more comprehensive description of Tunnel A, see Reference 3.

DATA REDUCTION

The DELTAX and DELTAZ distances were referenced to nominal center of gravity locations on the orbiter and booster and to the booster body axis system. The nominal c.g. for the orbiter was located 4.917 inches aft of the nose, on the orbiter lateral centerline, and 1.390 inches below the top fuselage surface. Nominal c.g. for the booster was 7.528 inches aft of the model nose, on the booster lateral centerline, and 1.194 inches above the bottom fuselage surface. As illustrated in figure 6, the DELTAX distance is, then, parallel to the longitudinal axis of the booster and between the nominal center of gravity points on the orbiter and booster. The DELTAZ is perpendicular to the longitudinal axis of the booster and is the distance between the center of gravity points on the orbiter and booster. Values for DELTAX and DELTAZ are positive when the orbiter c.g. is forward and above the booster c.g. Both DELTAX and DELTAZ were normalized using the booster fuselage length of 16.184 inches.

R E F E R E N C E S

1. Sims, Joseph L., "Plume Simulation for Space Shuttle Abort Staging Aerodynamic Testing," Memo S&E-AERO-AF-70-6, December 1970.
2. Baker, L. R., "Calibration of the Propulsion Simulation Nozzles for the Space Shuttle Booster and Orbiter Models for the Abort/Separation Staging Experimental Program," LMSC/HREC D225144, June 1971.
3. "Test Facilities Handbook" (8th Edition), Arnold Engineering Development Center, December 1969.

TABLE I

☐ PRETEST
☒ POSTTEST

Refer to page 14 for DELTAX schedules.

(1)-Characters A through I refer to booster body, upper wing, lower wing, canard, & base, and orbiter body, upper wing, lower wing, & base, respectively.

(2)-Characters 1 through 5 refer to angles of attack of -10, -5, 0, +5, & +10 degrees, respectively.

$$A(\alpha) = -10, -5, 0, +5, +10$$

$$B(\alpha) = -5, 0, +5$$

TABLE I (Continued)

TEST AEDC 1163 PRESSURE DATASET COLLATION SHEET

☐ PRETEST
☒ POSTEST

DATASET IDENTIFIER	CONFIGURATION	SCHD.		P ₀ PSI/A	T ₀ °F	PARAMETER VALUES				NO. OF RUNS	DELTAX					
		α	β			M	α ₁	PWS _B	PWS _C		.105	.112	.120	.151	.228	.908
(1) T831 (2)	BOOSTER/ORBITER	A	0°	11.5	120	3.0	0°	50	100	70			D	D	D	G
T832		A					0°	0	0	55			D	D	D	G
✓ T833	✓	A	✓	✓	✓	✓	0°	0	0	15	H					
(1) T821 (2)	BOOSTER/ORBITER	A	0°	7.5	120	2.0	0°	50	100	55			D	D	D	G
T822		A					0°	0	0	55			D	D	D	G
T823		A					0°	0	0	15	H					
T824		B					5°	50	100	18			D	D	D	
T825		B					5°	0	0	18			D	D	D	
T826		A					0°	100	0	15	H					
✓ T827	✓	A	✓	✓	✓	✓	0°	100	100	5	I					
(1) T8013	BOOSTER/ORBITER	0°	0°	-	-	0.0	5°	0	100	12			B	B	B	
✓ T8023	✓	0°	0°	-	-	0.0	5°	0	100	6			B	B	B	

Refer to page 14 for DELTAX schedules.

Refer to page 14 for DELTAX schedules.

NOTES: (1)-Characters A through I refer to booster body, upper wing, lower wing, canard, & base, and orbiter body, upper wing, lower wing, & base, respectively.

(2)-Characters 1 through 5 refer to angles of attack of -10, -5, 0, +5, & +10 degrees, respectively.

 α or β
SCHEDULESA(α) = -10, -5, 0, +5, +10
B(α) = -5, 0, +5

TABLE I (Continued)

DELTA_X Schedules

DELTA _X Value DELTA _X Schedule	0.520	0.350	0.227	0.165	0.104	0.041	-0.020	-0.144	-0.291	-0.391
A		X		X	X	X				
B		X	X		X		X	X		X
C	X									
D			X		X			X		
E				X	X	X			X	
F					X					
G	X									X
H				X	X	X				
I									X	

TABLE II
ORBITER PRESSURE TAP LOCATIONS

Tap No.	TAP LOCATION			Tap No.	TAP LOCATION		
	$(x/L)_0$	$(y/b/2)_0$	Surface		$(x/L)_0$	$(y/b/2)_0$	Surface
1	0	0	Lower Body	28	.498	.231	Lower Body
2	.019	↓	↓	29	.586	↓	↓
3	.066	↓	↓	30	.674	↓	↓
4	.145	↓	↓	31	.762	↓	↓
5	.233	↓	↓	32	.854	↓	↓
6	.321	↓	↓	33	.944	↓	↓
7	.409	↓	↓	34	.674	.400	Lower Wing
8	.498	↓	↓	35	.762	↓	↓
9	.586	↓	↓	36	.854	↓	↓
10	.676	↓	↓	37	.942	↓	↓
11	.765	↓	↓	38	.764	.569	↓
12	.854	↓	↓	39	.854	↓	↓
13	.943	↓	↓	40	.942	↓	↓
14	.981	↓	↓	41	.852	.738	↓
15	.149	.077	↓	42	.942	↓	↓
16	.233	↓	↓	43	↓	0	Upper Base
17	.321	↓	↓	44	↓	.138	Lower Base
18	.409	↓	↓	45	.981	-.007	Upper Wing
19	.498	↓	↓	46	.981	.289	↓
20	.586	↓	↓	47	.939	↓	↓
25	.233	.191	↓	48	.851	↓	↓
26	.321	.221	↓	49	.981	.400	↓
27	.409	.231	↓	50	.939	↓	↓

x = Distance from orbiter nose

y = Distance from orbiter centerline

L = Orbiter length 27.153 cm (10.690 in.)

b/2 = Orbiter wing semi-span 8.255 cm (3.250 in.)

TABLE III

BOOSTER PRESSURE TAP LOCATIONS

Tap No.	TAP LOCATION			Tap No.	TAP LOCATION		
	$(x/L)_B$	$(y/b/2)_B$	Surface		$(x/L)_B$	$(y/b/2)_B$	Surface
1	.004	0	Body $\phi, \theta = 0^\circ$	30	.243	.092	Body, $\theta = 24^\circ$
2	.014			31	.305		
3	.025			32	.367		
4	.062			33	.490		
5	.120			34	.613		
6	.181			35	.737		
7	.243			36	.798		
8	.305			37	.860		
9	.366			38	.921		
10	.490			39	.983		
11	.613			40	.062	.155	Body, $\theta = 45^\circ$
12	.737			41	.124		
13	.799			42	.185		
14	.859			43	.247		
15	.921			44	.309		
16	.983			45	.371		
17	.062	.018	Nose Section	46	.494		
18	.120	.037		47	.618		
19	.181	.046		48	.741		
20	.243			49	.988	.220	Body, $\theta = 90^\circ$
21	.309	.220	Body, $\theta = 90^\circ$	93	.998	0	Base, $\theta = 0^\circ$
22	.371			94		.193	90°
23	.494			95		-.193	270°
24	.618			96		0	180°
25	.741			97	.803		Body, $\theta = 180^\circ$
26	.803			98	.865		
27	.851			99	.927		
28	.896			100	.988		
29	.942						

x = Distance from booster nose

y = Distance from booster centerline

L = Booster length 41.107 cm (16.184 in.)

$b/2$ = Booster semi-span 13.805 cm (5.435 in.)

TABLE III (Continued)

BOOSTER PRESSURE TAP LOCATIONS

Tap No.	TAP LOCATION			Tap No.	TAP LOCATION		
	$(x/c)_B$	$(y/b/2)_B$	Surface		$(x/c)_B$	$(y/b/2)_B$	Surface
53	.098	.221	Upper Wing	71	.718	.635	Upper Wing
54	.320	↓	↓	72	.926	↓	↓
55	.542	↓	↓	73	.066	.773	↓
56	.763	↓	↓	74	.275	↓	↓
57	.985	↓	↓	75	.484	↓	↓
58	.101	.359	↓	76	.696	↓	↓
59	.320	↓	↓	77	.896	↓	↓
60	.542	↓	↓	83	.195	.565	Upper Canard
61	.762	↓	↓	84	.716	↓	↓
62	.970	↓	↓	85	.195	.879	↓
63	.103	.497	↓	86	.716	↓	↓
64	.319	↓	↓	87	.514	.230	Lower Wing
65	.528	↓	↓	88	.737	↓	↓
66	.741	↓	↓	89	.960	↓	↓
67	.948	↓	↓	90	.496	.368	↓
68	.081	.635	↓	91	.718	↓	↓
69	.292	↓	↓	92	.940	↓	↓
70	.507	↓	↓				

x = Distance from airfoil leading edge

y = Distance from booster centerline

c = Local airfoil chord

$b/2$ = Booster wing semi-span 13.805 cm (5.435 in.) for wing taps

$b/2$ = Booster canard semi-span 6.071 cm (2.390 in.) for canard taps

TABLE III (Concluded)
BOOSTER PRESSURE TAP LOCATIONS



Surface	$(y/b/2)_B$	Local Chord, cm	Local Chord, in.
<div style="text-align: center;"> Wing  Canard  </div>	.221	8.387	3.302
	.359	7.640	3.008
	.497	6.962	2.741
	.635	6.116	2.408
	.773	5.301	2.087
	.230	8.336	3.282
	.368	7.564	2.978
	.565	4.877	1.923
	.879	4.877	1.923

TABLE IV. DIMENSIONAL DATA

MODEL COMPONENT: BODY - MDAC Orbiter

GENERAL DESCRIPTION: Basic fuselage contours including canopy with modified
aft fuselage cross sections; cross-sectional shape constant from station 1500
to end of fuselage - model scale 1/120.

DRAWING NUMBER: 255 BJ 00060, Rev. B

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length	<u>156.4</u>	<u>.869</u>
Max. Width	<u>27.1</u>	<u>.150</u>
Max. Depth	<u>30.3</u>	<u>.168</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE IV. (CONTINUED)

MODEL COMPONENT: Wing - MDAC OrbiterGENERAL DESCRIPTION: Model Scale 1/180DRAWING NUMBER: 255 BJ 00050, Rev. B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
-------------	------------	-------------

TOTAL DATA

Area, ft ²		
Planform	5330.0	.164
Wetted		
Span (equivalent), ft	97.5	.542
Aspect Ratio	1.79	1.79
Rate of Taper		
Taper Ratio	.230	.230
Diehedral Angle, degrees	10.0	10.0
Incidence Angle, degrees	2.0	2.0
Aerodynamic Twist, degrees	0	0
Sweep Back Angles, degrees		
Leading Edge	55.0	55.0
Trailing Edge	0	0
0.25 Element Line	47.0	47.0
Chords:		
Root (Wing Sta. 0.0), inches	1084.8	6.027
Tip, (equivalent), inches	249.6	1.387
MAC, inches	754.8	4.193
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
Airfoil Section		
Root (B.L. 162)	0010-64	0010-64
Tip (B.L. 540)	0009-64	0009-64

EXPOSED DATA

Area, ft ²	3147.3	.097
Span, (equivalent), ft	70.5	.392
Aspect Ratio	1.58	1.58
Taper Ratio		
Chords		
Root, inches	855.0	4.750
Tip, inches	249.6	1.387
MAC	607.2	3.373
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		

TABLE IV. (CONTINUED)

MODEL COMPONENT: Vertical Tail - MDAC OrbiterGENERAL DESCRIPTION: Model Scale 1/180DRAWING NUMBER: 255 BJ 00050, Rev. B

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
--------------------	-------------------	--------------------

TOTAL DATA

Area, ft ²		
Planform	580.0	.013
Wetted		
Span (equivalent), ft.	27.5	.153
Aspect Ratio		
Rate of Taper		
Taper Ratio	.638	.638
Dihedral Angle, degrees		
Incidence Angle, degrees		
Aerodynamic Twist, degrees		
Toe-In Angle		
Cant Angle		
Sweep Back Angles, degrees		
Leading Edge	30.0	30.0
Trailing Edge	13.4	13.4
0.25 Element Line	26.2	26.2
Chords:		
Root, inches	309.6	1.720
Tip, (equivalent), inches	196.3	1.093
MAC, inches	21.4	.119
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
Airfoil Section		
Root	0009-64	0009-64
Tip	0009-64	0009-64

EXPOSED DATA

Area, ft ²	580.0	.018
Span, (equivalent), ft	27.5	.153
Aspect Ratio		
Taper Ratio	.638	.638
Chords:		
Root, inches	309.6	1.720
Tip, inches	196.3	1.093
MAC, inches	21.4	.119
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		

TABLE IV. (CONTINUED)

MODEL COMPONENT: BODY - MDAC BoosterGENERAL DESCRIPTION: Configuration 19A fuselage without base flare and boattailModel Scale 1/180DRAWING NUMBER: 256-19-0001, Rev. ADIMENSIONS:FULL-SCALEMODEL SCALE

Length (Ft)

241.71.343

Max. Width (Ft)

34.0.189

Max. Depth (Ft)

34.0.189

Fineness Ratio

Area

Max. Cross-Sectional

Planform

Wetted

Base

TABLE IV. (CONTINUED)

MODEL COMPONENT: Wing - MDAC BoosterGENERAL DESCRIPTION: Configuration 19A WingModel Scale 1/100

DRAWING NUMBER: _____

DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATAArea, ft²

Planform

6020.0

.106

Wetted

Span (equivalent), ft.

146.0

.811

Aspect Ratio

3.54

3.54

Rate of Taper

Taper Ratio

.435

.435

Dihedral Angle, degrees

7.67

7.67

Incidence Angle, degrees

3.0

3.0

Aerodynamic Twist, degrees

0

0

Sweep Back Angles, degrees

Leading Edge

44.0

44.0

Trailing Edge

0.25 Element Line

Chords:

Root (Wing Sta. 0.0), inches

690.0

3.833

Tip, (equivalent)

300.0

1.667

MAC, inches

520.0

2.889

Fus. Sta. of .25 MAC, inches

3625

20.139

W.P. of .25 MAC, inches

B.L. of .25 MAC, inches

380

2.111

Airfoil Section

Root

0010-64

0010-64

Tip

0010-64

0010-64

EXPOSED DATAArea, ft²

4190.0

.129

Span, (equivalent), ft.

Aspect Ratio

Taper Ratio

Chords:

Root, inches

594.0

3.300

Tip, inches

300.0

1.667

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

TABLE IV. (CONTINUED)

MODEL COMPONENT: Vertical Tails - MDAC BoosterGENERAL DESCRIPTION: Configuration 17 Vertical TailsModel Scale 1/180DRAWING NUMBER: 256-17-0001, Rev. ADIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA (Values for one)

Area

Planform (true)
(Side Projection)

433

.014

397

.012

Span (equivalent), inches

276

1.533

Aspect Ratio

1.21

1.21

Rate of Taper

.520

.520

Taper Ratio

Toe-In Angle

0

0

Cant Angle

25

25

Sweep Back Angles, degrees

Leading Edge

40

40

Trailing Edge

0.25 Element Line

Chords:

Root

300

1.667

Tip, (equivalent), inches

156

.867

MAC, inches

236

1.311

Fus. Sta. of .25 MAC

W.P. of .25 MAC

Airfoil Section

Root

NACA

64A-009

NACA 64A-009

Tip

NACA

64A-009

NACA 64A-009

EXPOSED DATA

Area

Span, (equivalent)

Aspect Ratio

Taper Ratio

Chords

Root

Tip

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

TABLE IV. (CONTINUED)

MODEL COMPONENT: Canard - MDAC BoosterGENERAL DESCRIPTION: Configuration 19A CanardModel Scale 1/180DRAWING NUMBER: 256-19-001, Rev. ADIMENSIONS:

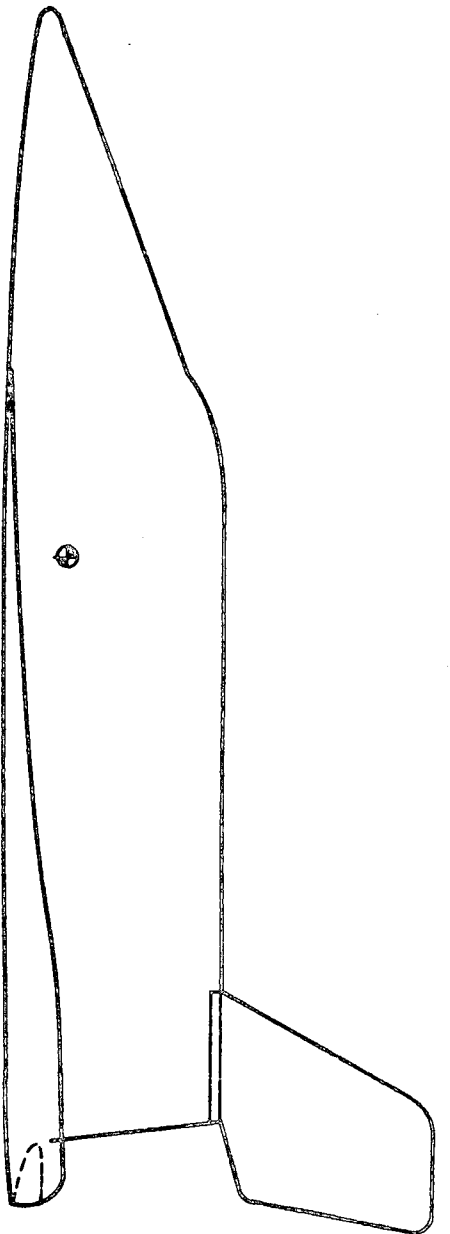
	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Theo. Area, Ft ²	<u>1660</u>	<u>.051</u>
Exp Area, Ft ²	<u>1215</u>	<u>.038</u>
Aspect Ratio	<u>3.0</u>	<u>3.0</u>
Chord (Incl. Flap), Ft	<u>23.625</u>	<u>.131</u>
Airfoil (360 In. Theo Chord)	NACA <u>63-018</u>	NACA <u>63-018</u>

TABLE V. INDEX OF MODEL FIGURES

Figure	Title	Page
1	Pressure Tap Layout - Orbiter	28
2	Pressure Tap Layout - Booster	29
3	Modifications to Orbiter Model	30
4	Modifications to Booster Model	31
5	General Arrangement of Models in Tunnel	32
6	Separation Nomenclature and Center of Gravity Locations	33
7	Photograph of MDAC Booster and Orbiter Models	34
8	Photograph of Side View of Models and Separation Hardware	35
9	Photograph of Top View of Models and Associated Separation Hardware	36
10	Photograph of Booster and Orbiter Sting-Nozzle Hardware	37
11	Photograph of Booster Nozzle Hardware	38
12	Photograph of Orbiter Nozzle Hardware	39

TABLE VI. INDEX OF DATA FIGURES
VOLUME 1 - PARTS A AND B

TITLE	VEHICLE SECTION	TYPE PLOT	CONDITIONS VARYING	PAGES
<u>PART A</u>				
Longitudinal Distribution of Booster Fuselage Pressures-Mach 5	Fuselage	CP vs. X/L	DELTA _X , DELTA _Z , θ , α_B	1-496
Chordwise Distribution of Booster Upper Wing Pressures-Mach 5	Upper Wing	CP vs. X/C	DELTA _X , DELTA _Z , Y/B, α_B	497-1116
<u>PART B</u>				
Chordwise Distribution of Booster Lower Wing Pressures-Mach 5	Lower Wing	CP vs. X/C	DELTA _X , DELTA _Z , Y/B, α_B	1117-1364
Chordwise Distribution of Booster Canard Pressures-Mach 5	Canard	CP vs. X/C	DELTA _X , DELTA _Z , Y/B, α_B	1365-1586
Radial Distribution of Booster Base Pressures-Mach 5	Base	CP vs. θ	DELTA _X , DELTA _Z , α_B	1587-1710



NOTE: Tap numbers in parentheses with solid symbols are on upper side of wing.

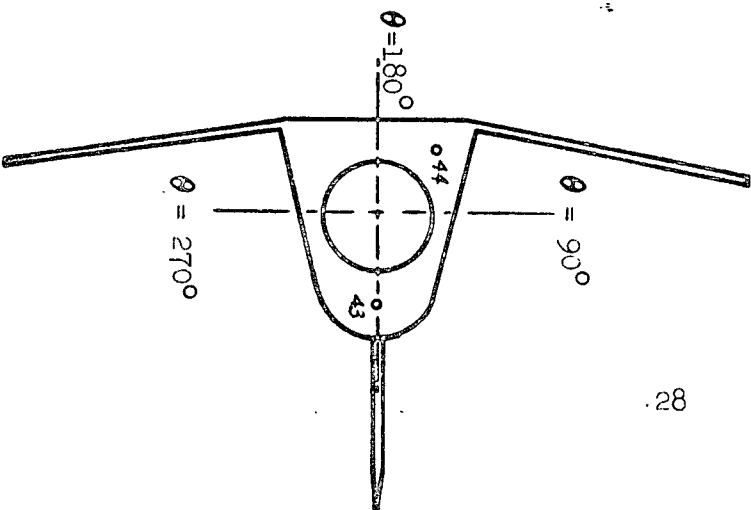
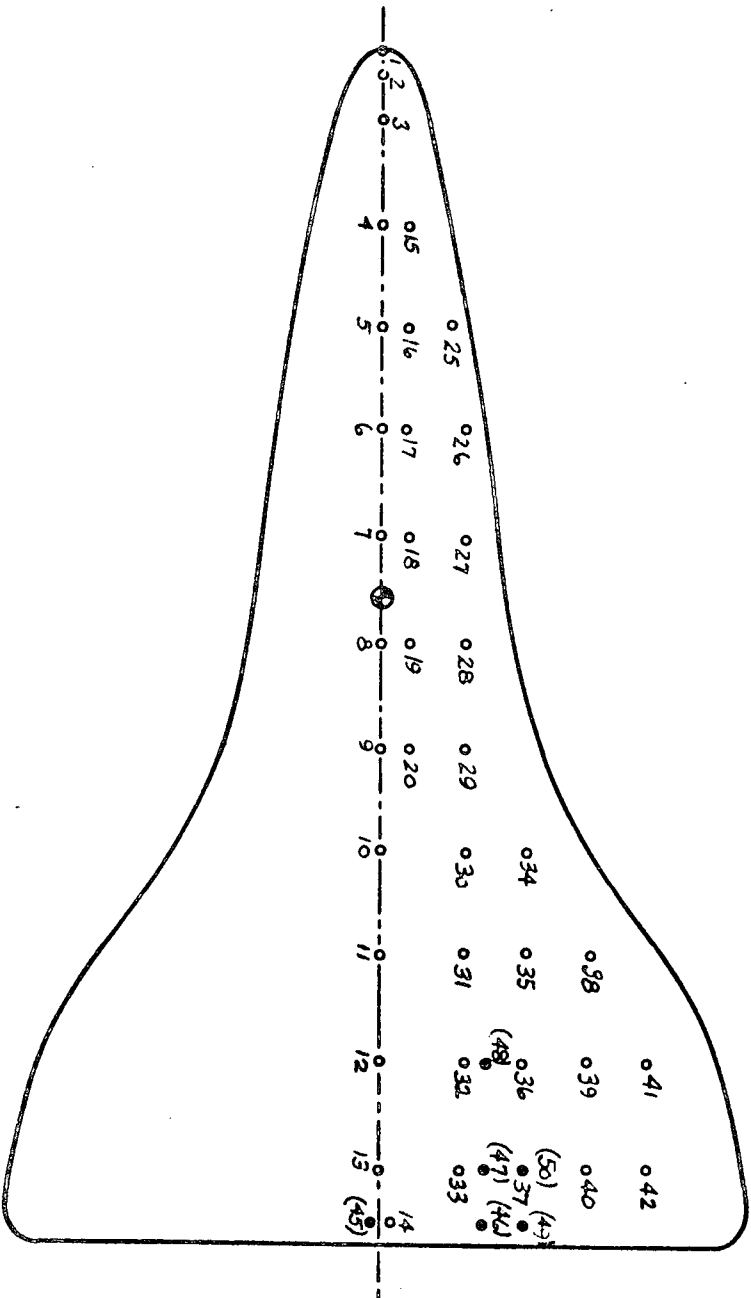


Fig. 1. - Pressure Tap Layout - Orbiter

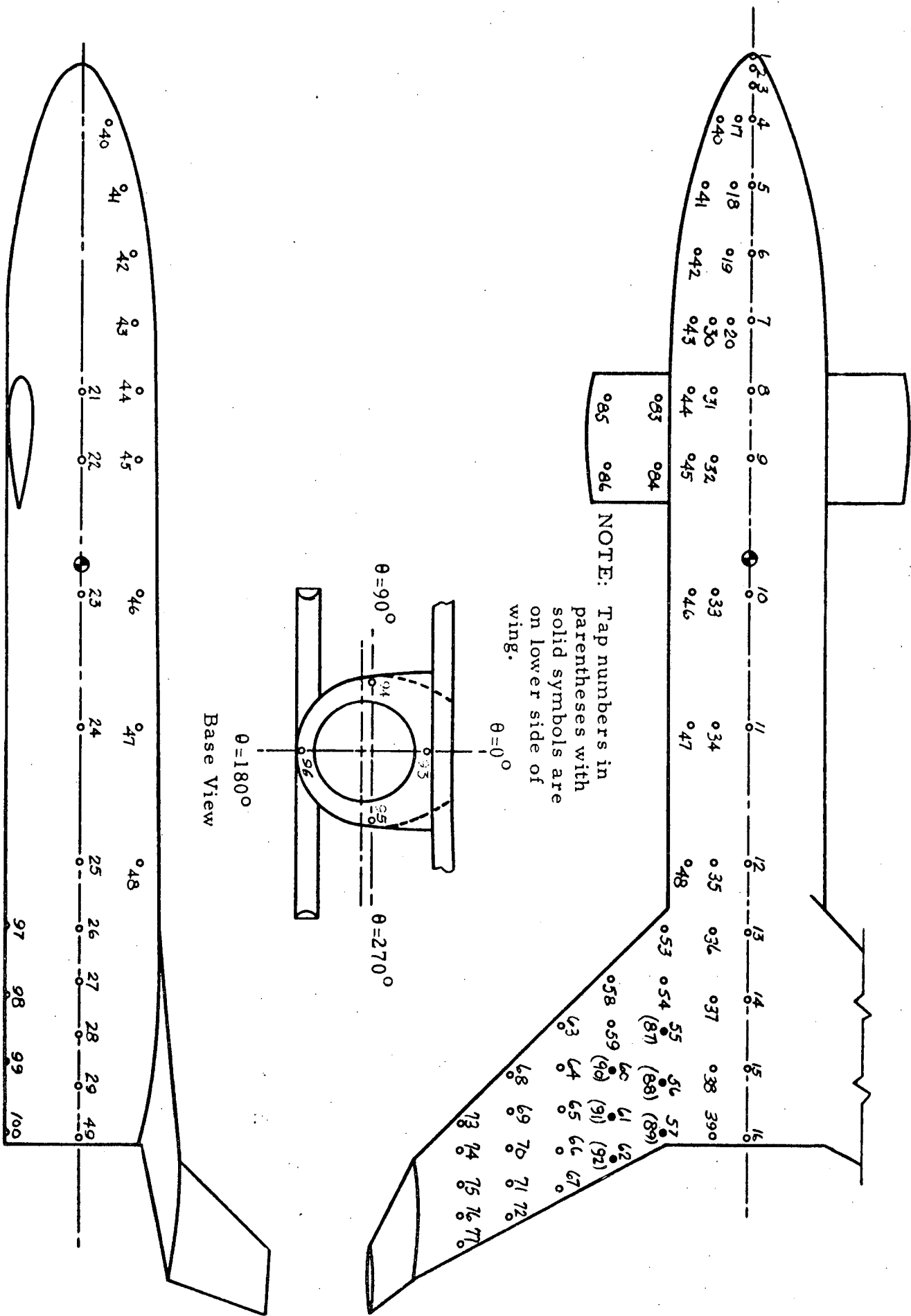


Fig. 2 - Pressure Tap Layout - Booster

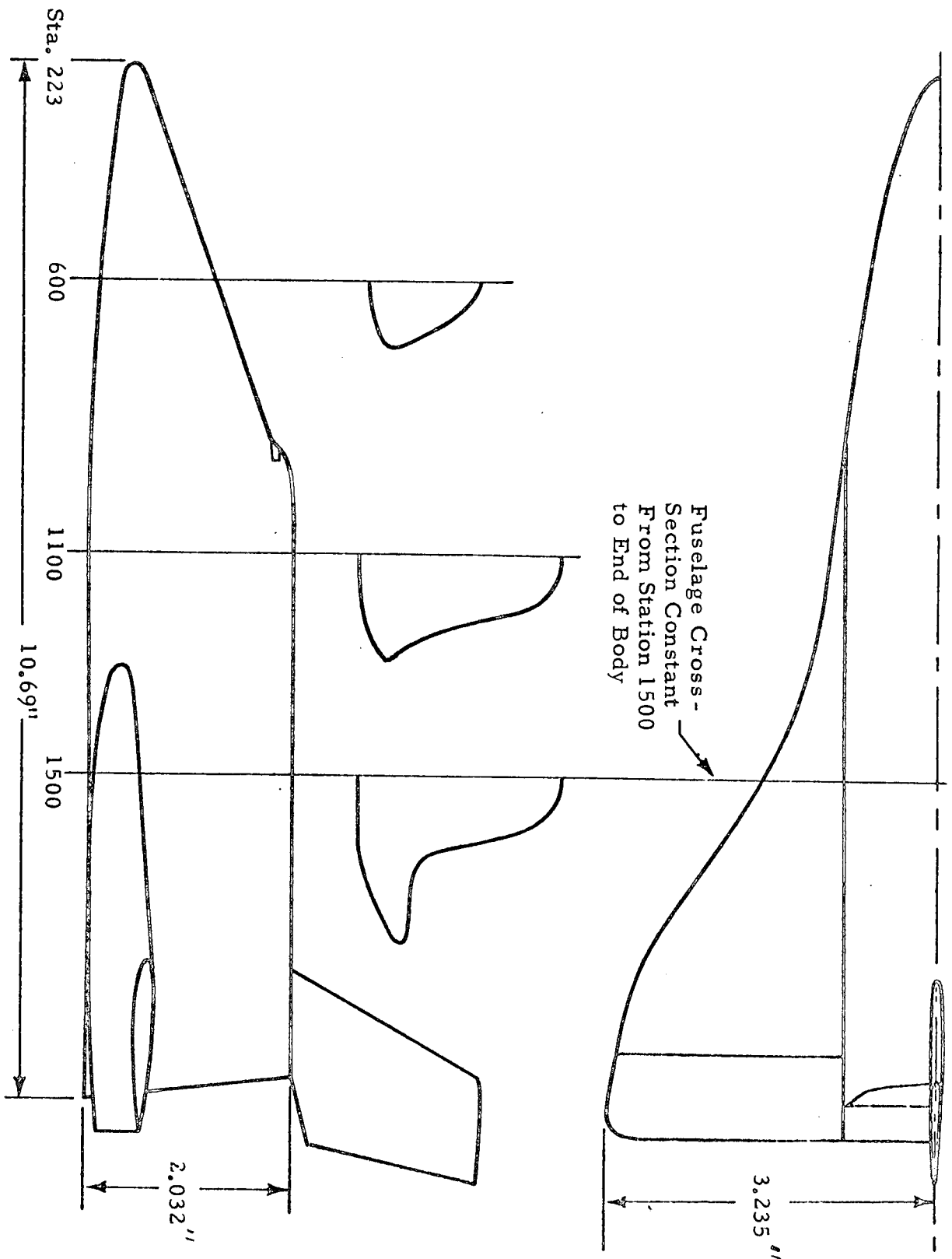


Fig. 3 - Modifications to Orbiter Model

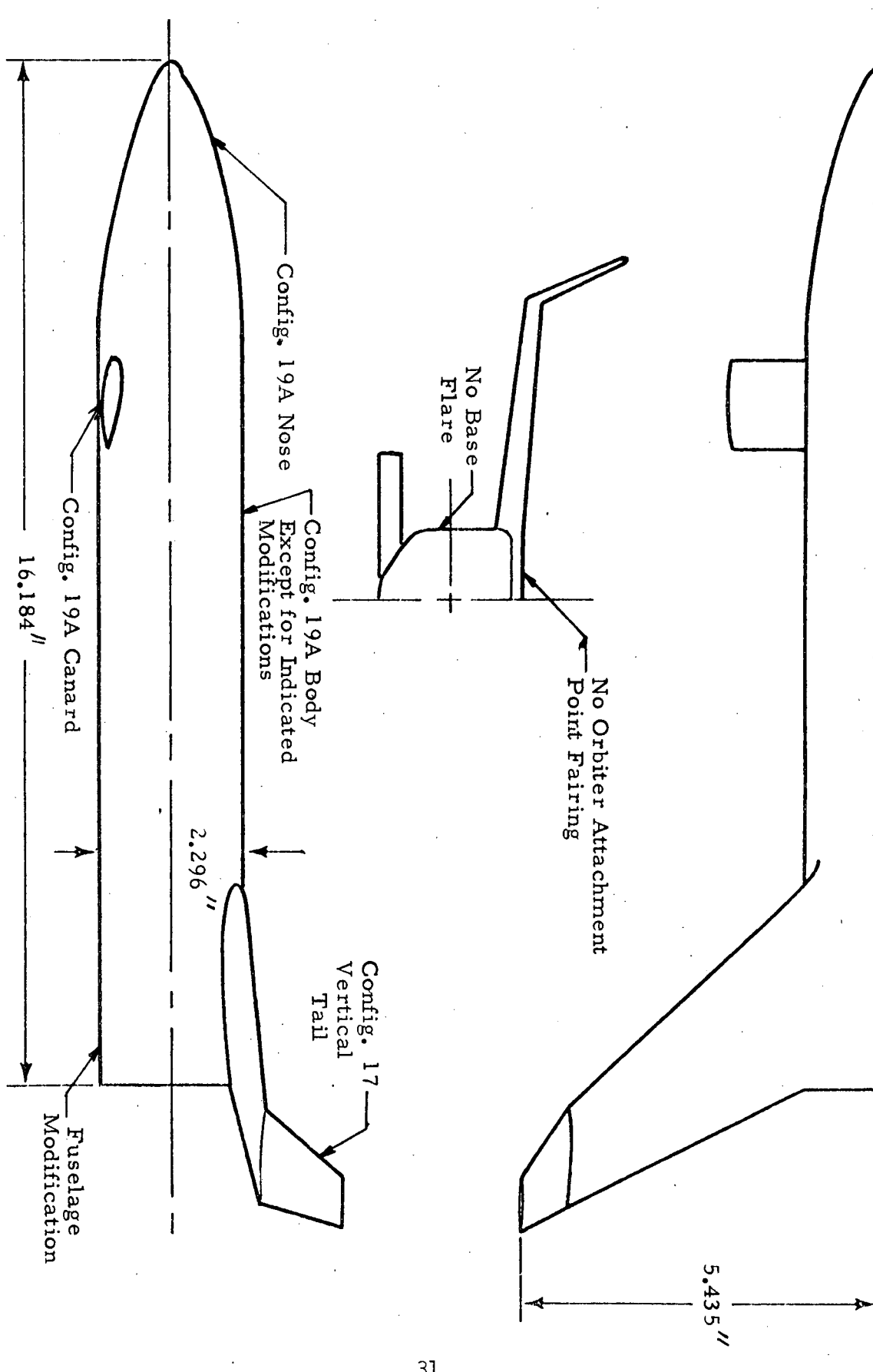


Fig. 4 - Modifications to Booster Model

40-INCH SUPERSONIC TUNNEL A

Scale - 1/5

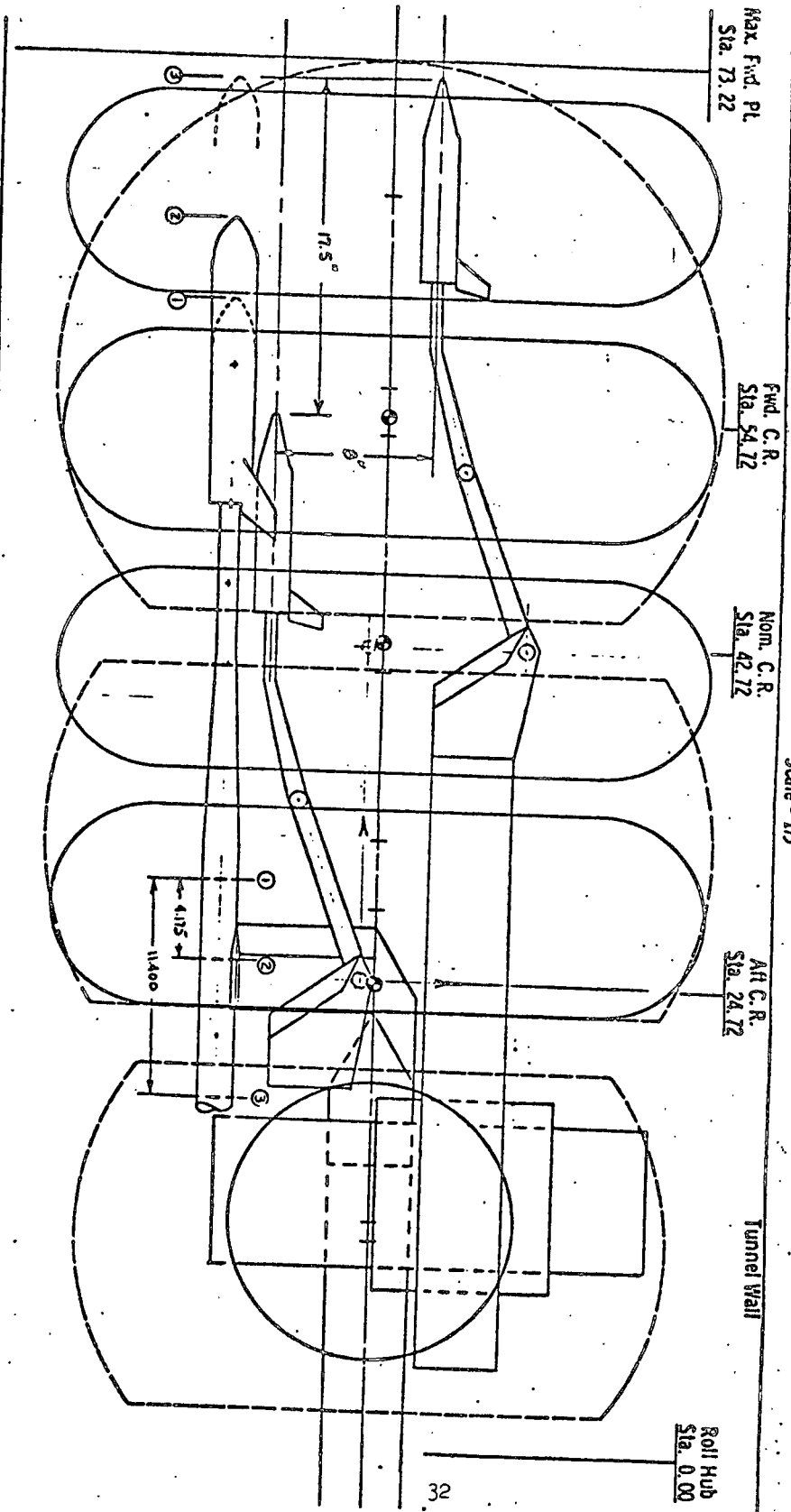


Figure 5 - General arrangement of models in tunnel

High Temperature Windows
Low Temperature Windows
Tunnel Wall

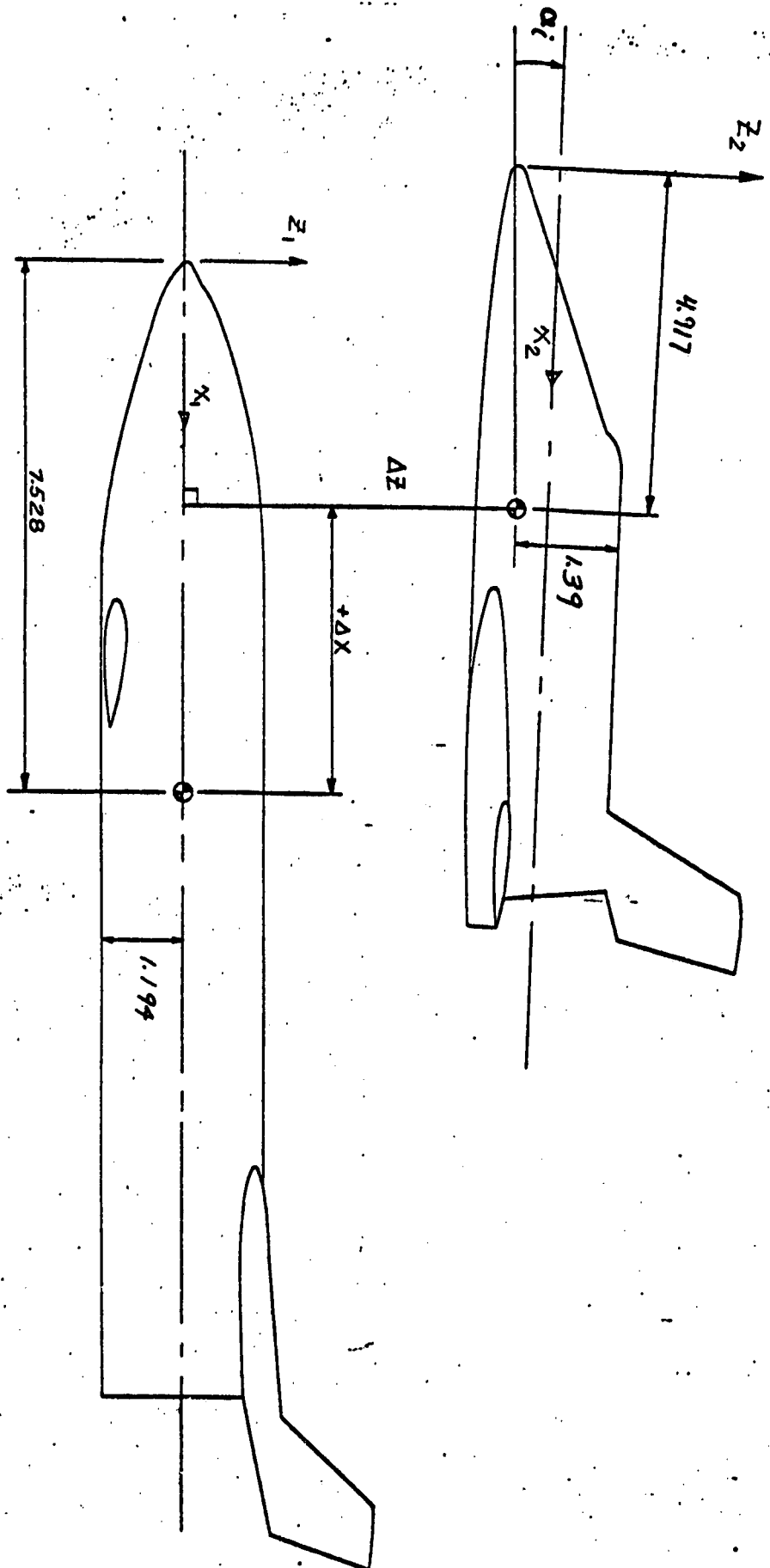


Figure 6. Separation Nomenclature and Center of Gravity Locations

All dimensions are model scale, in inches.

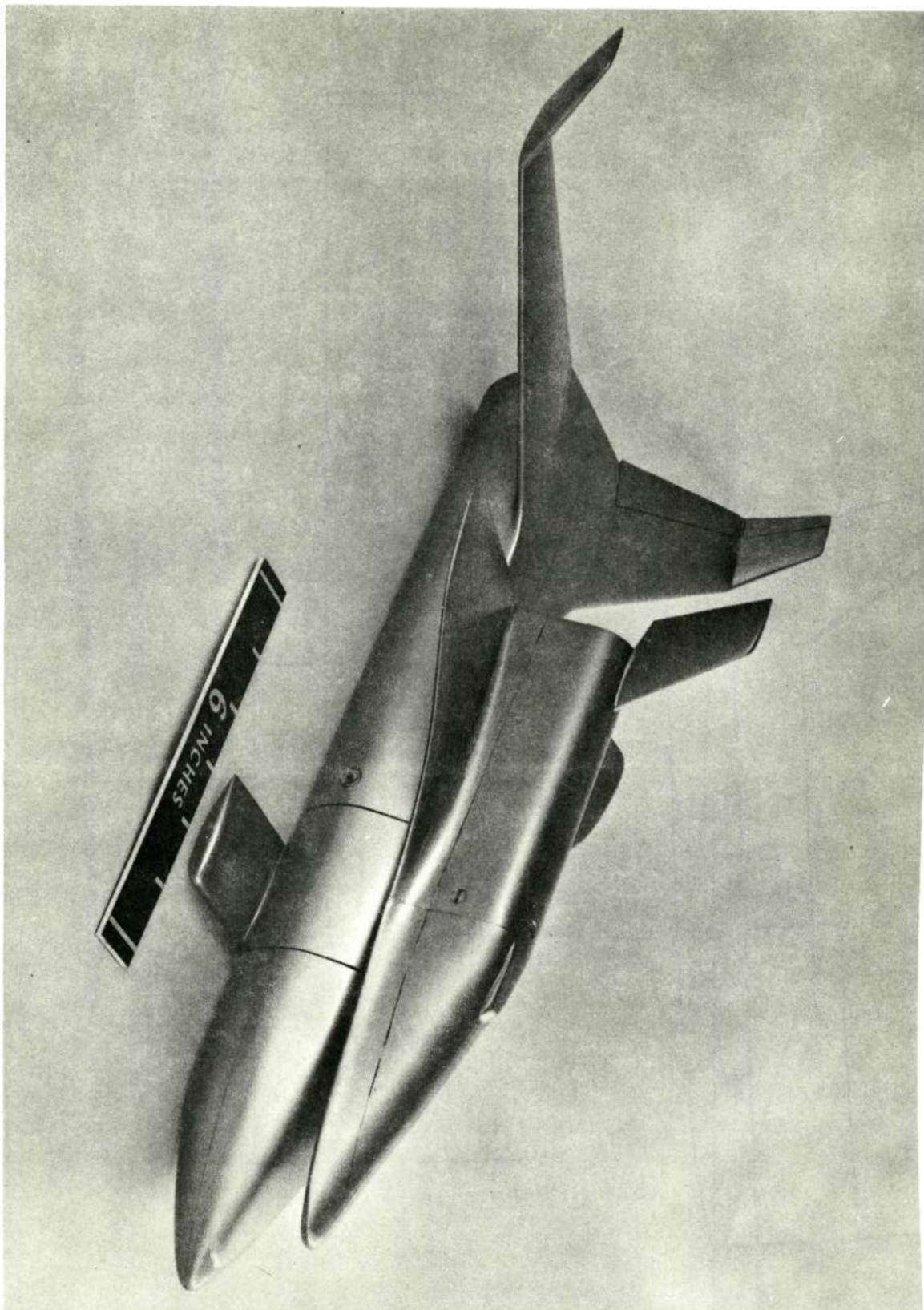


Figure 7. Photograph of MDAC Booster and Orbiter Models

U.S. AIR FORCE PHOTO-AGE
AND INC. OPERATING CONTRACTOR
ANDOLD A.F. STATION TENN.

Not cleared for public release without
prior written approval of the responsible
Air Force Office of Information.

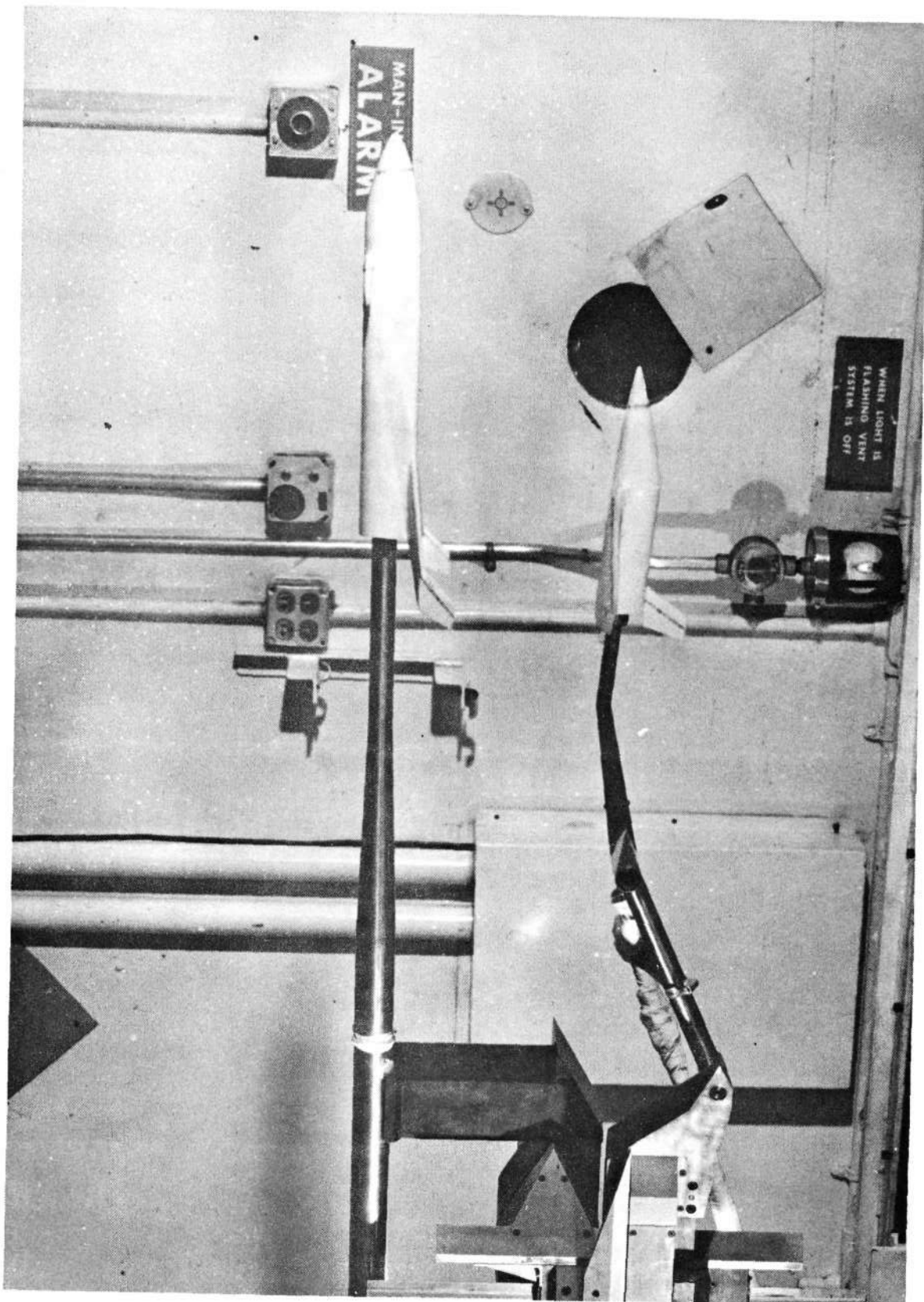


Figure 8. Photograph of Side View of Models and Separation Hardware

3197

(4-2/-/1) VALIDS NASA S15

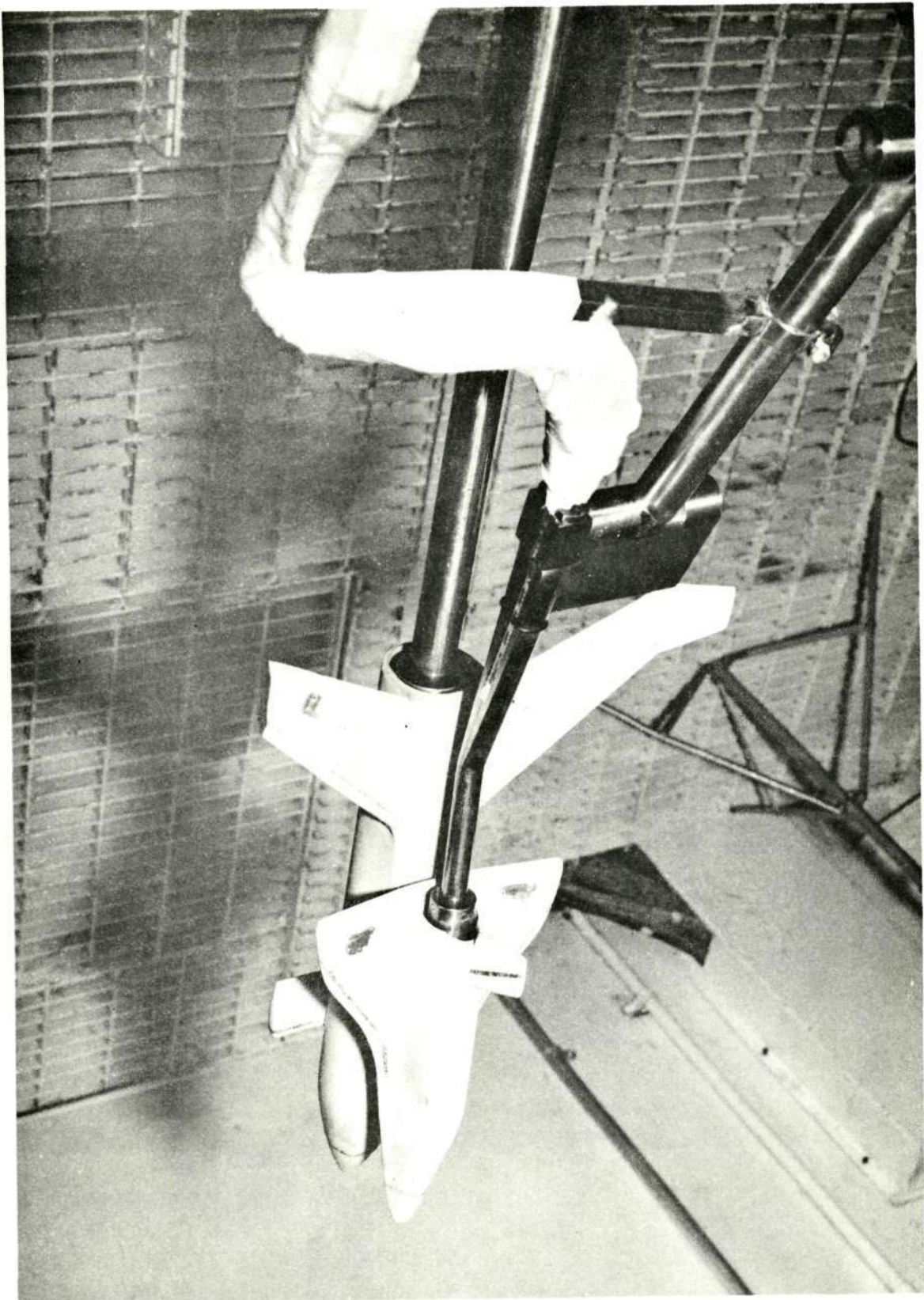
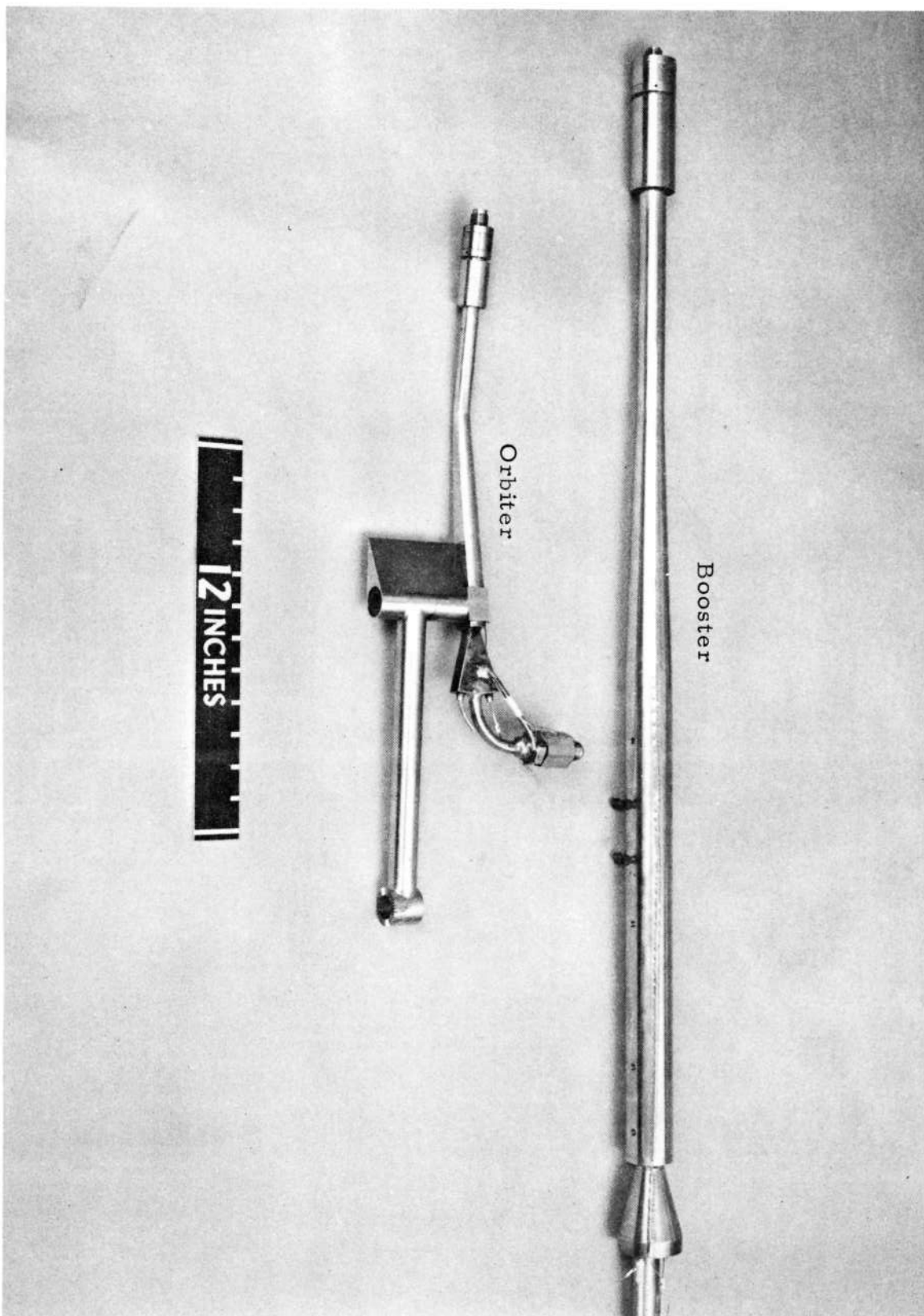


Figure 9. Photograph of Top View of Models and Associated Separation Hardware



Orbiter

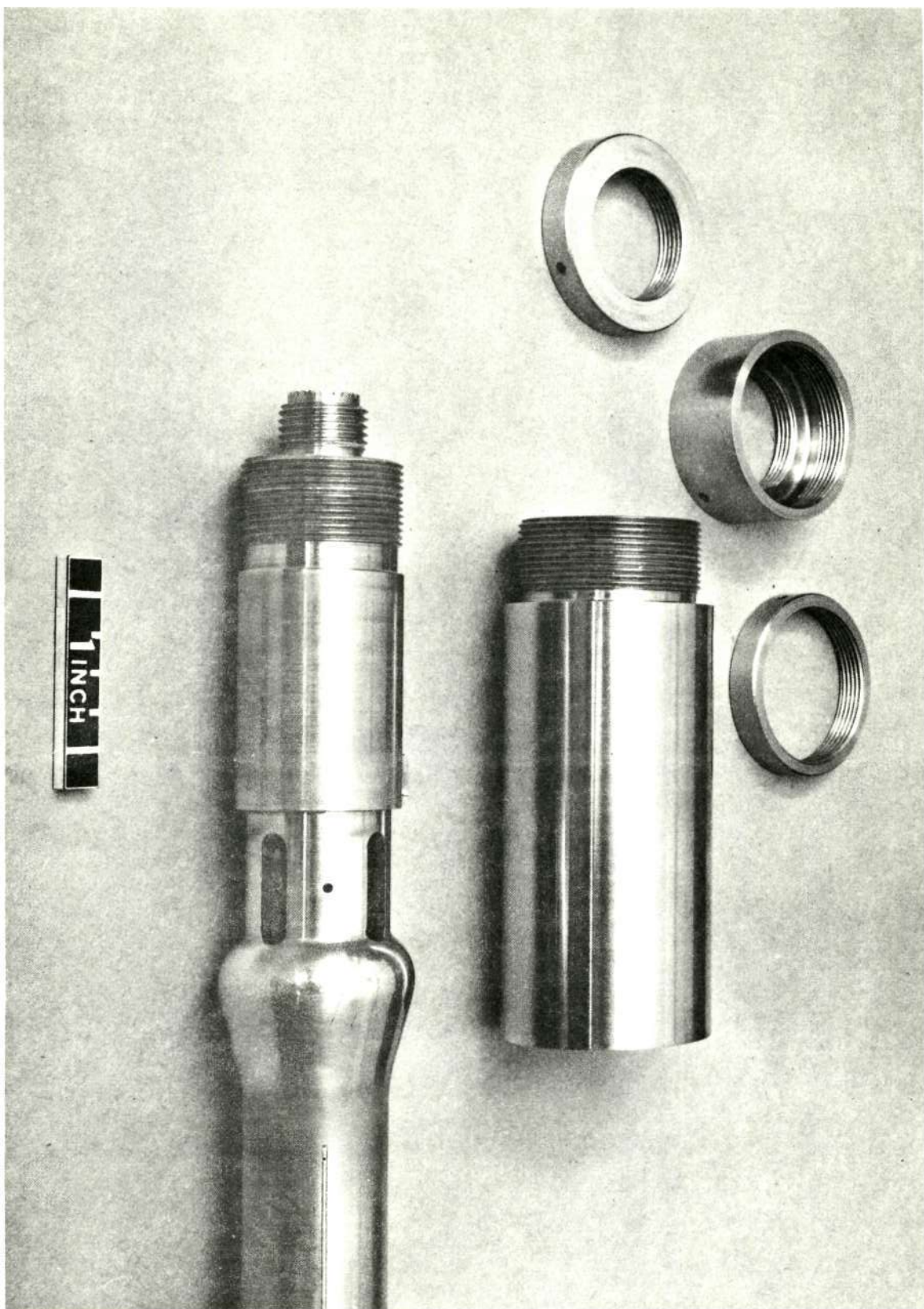
Booster

12 INCHES

3901

(S-14-71) VAI163 SPACE SHUTTLE NOZZLES

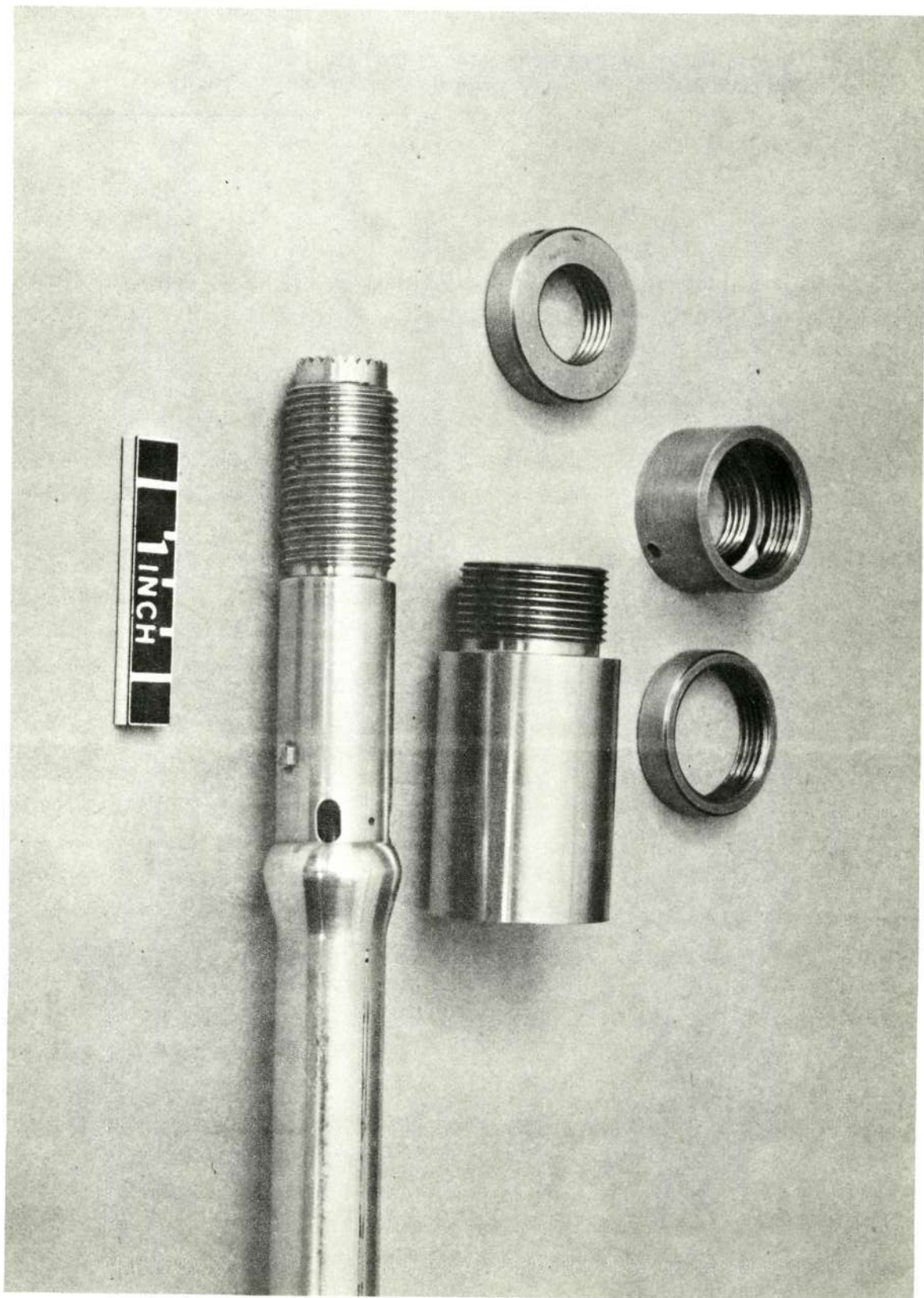
Figure 10. Photograph of Booster and Orbiter Sting Nozzle Hardware



3895

(5-14-71) VAL163 SPACE SHUTTLE NOZZLES

Figure 11. Photograph of Booster Nozzle Hardware

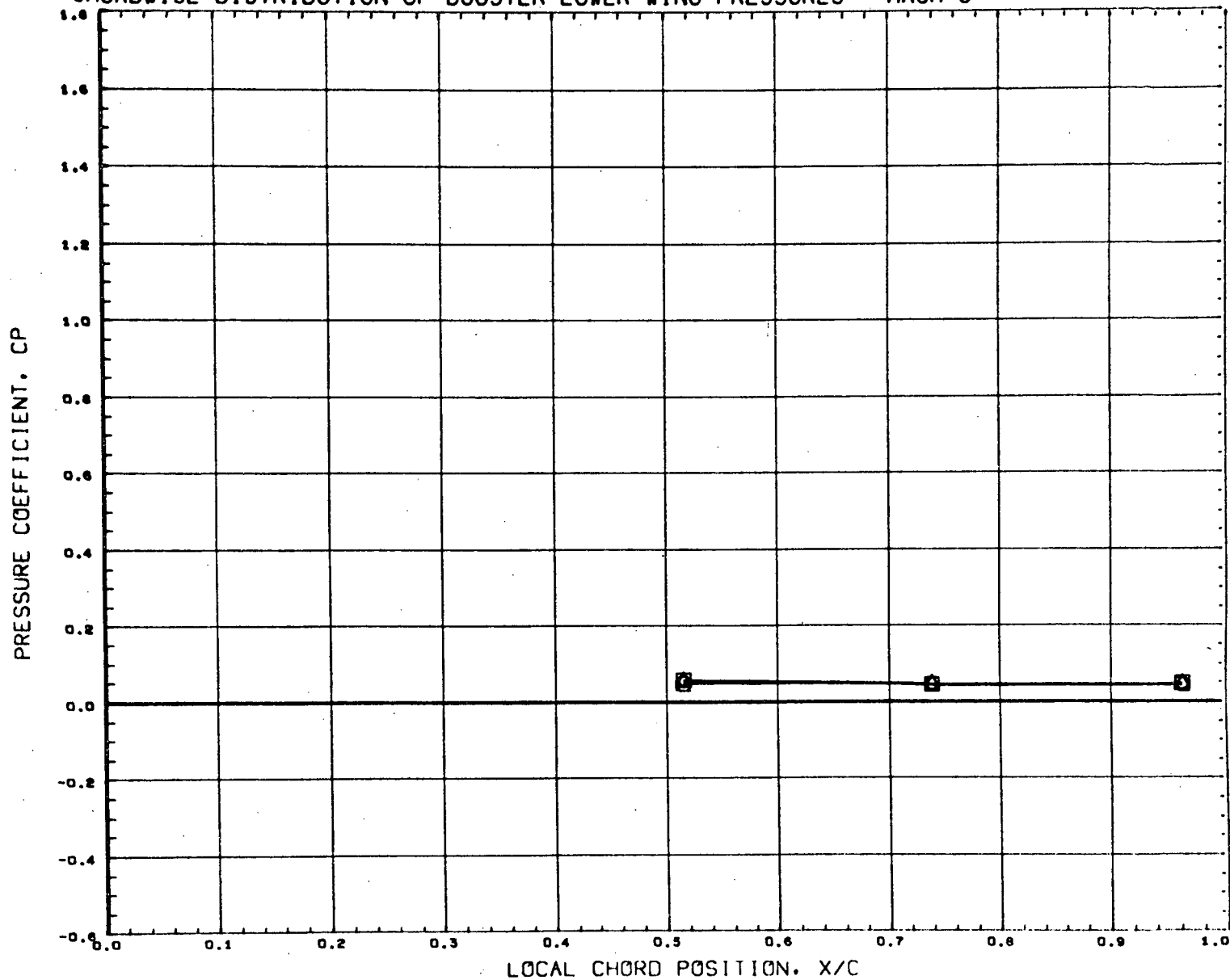


3896 (5-14-71) VAL163 SPACE SHUTTLE NOZZLES Figure 12. Photograph of Orbiter Nozzle Hardware

D A T A F I G U R E S

Tabulations of the plotted data and corresponding source data are available from SADSAC Operations.

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

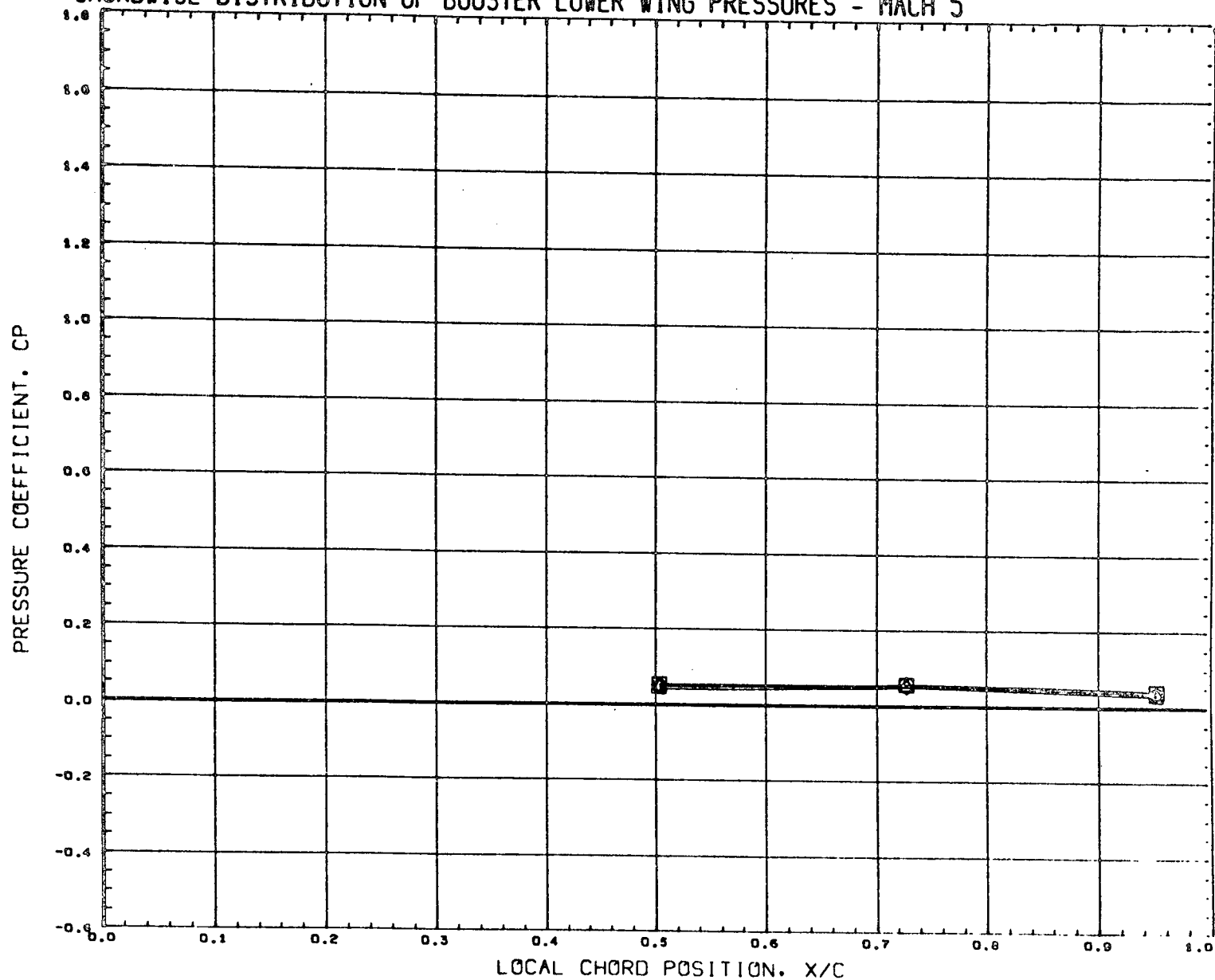
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8511•

PAGE 1117

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

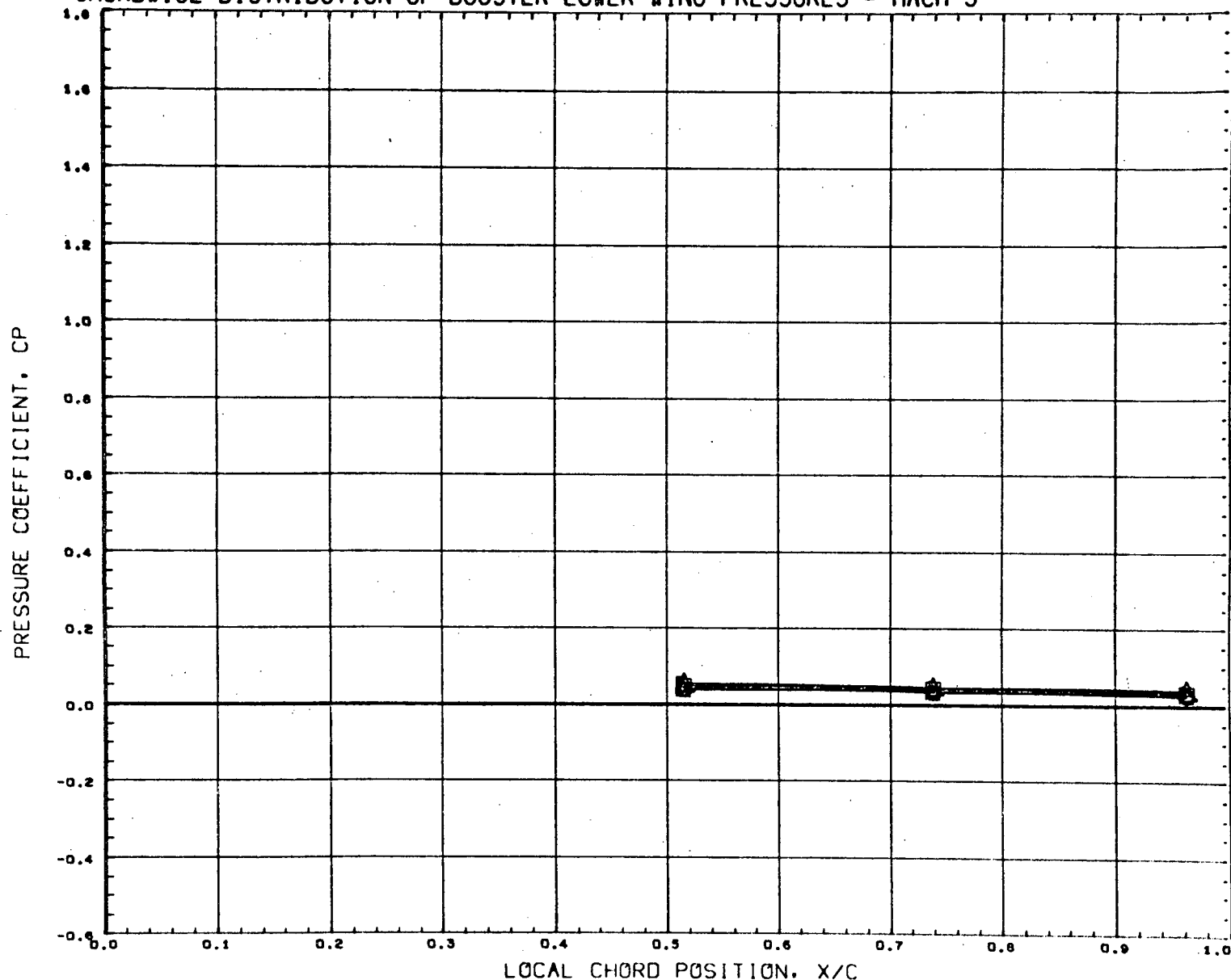
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AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8511•

PAGE 1118

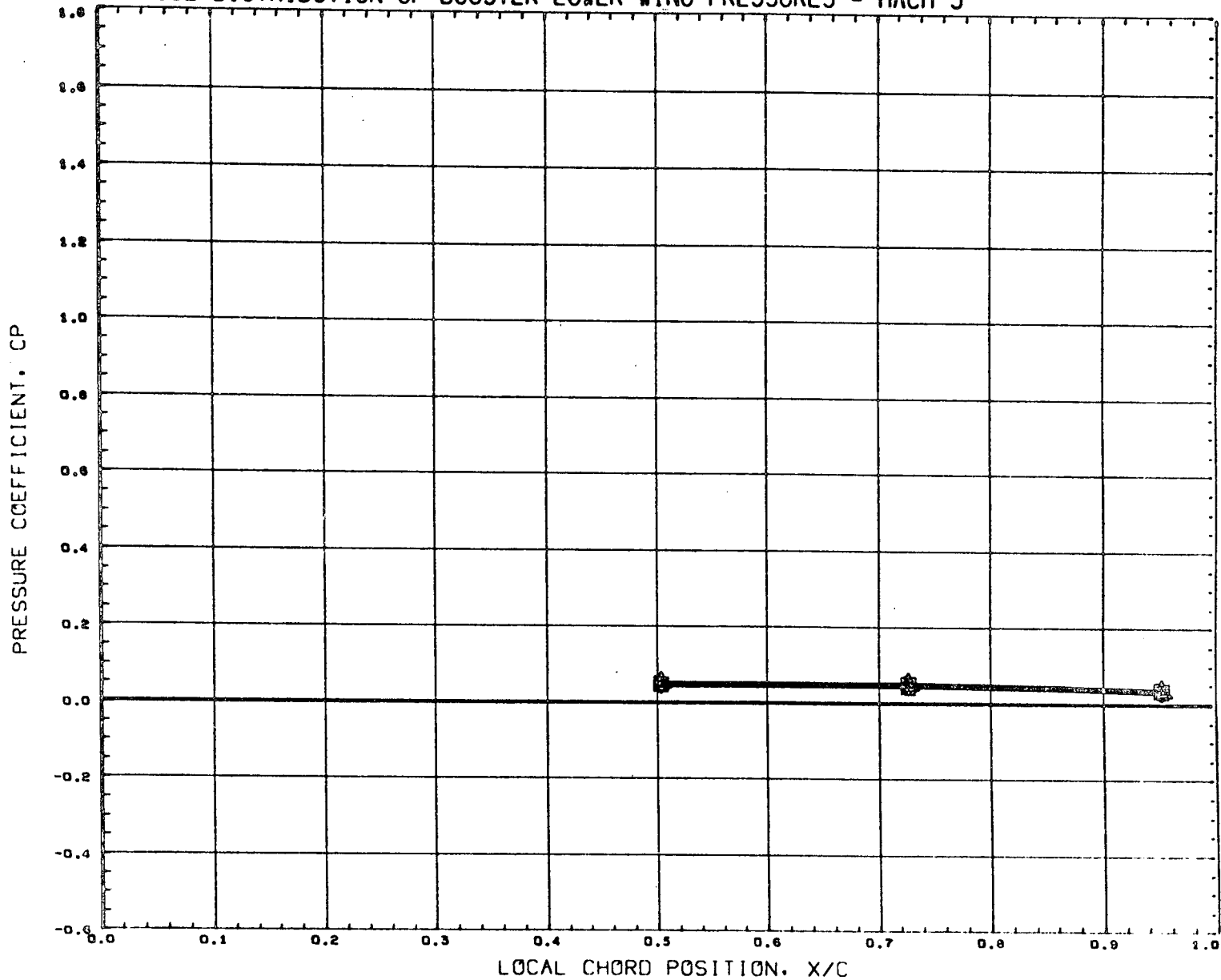
CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

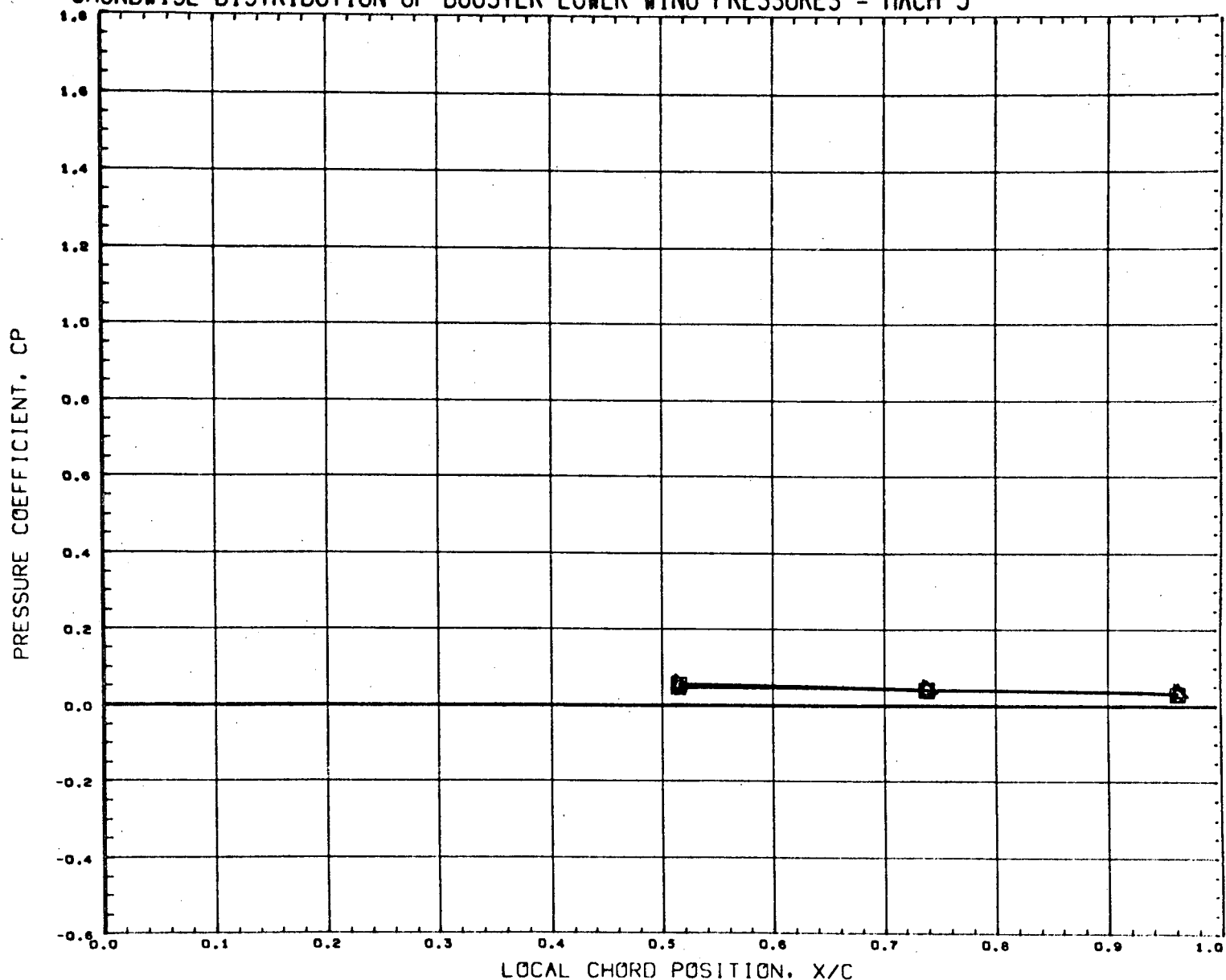


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
◻	0.103		
◻	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

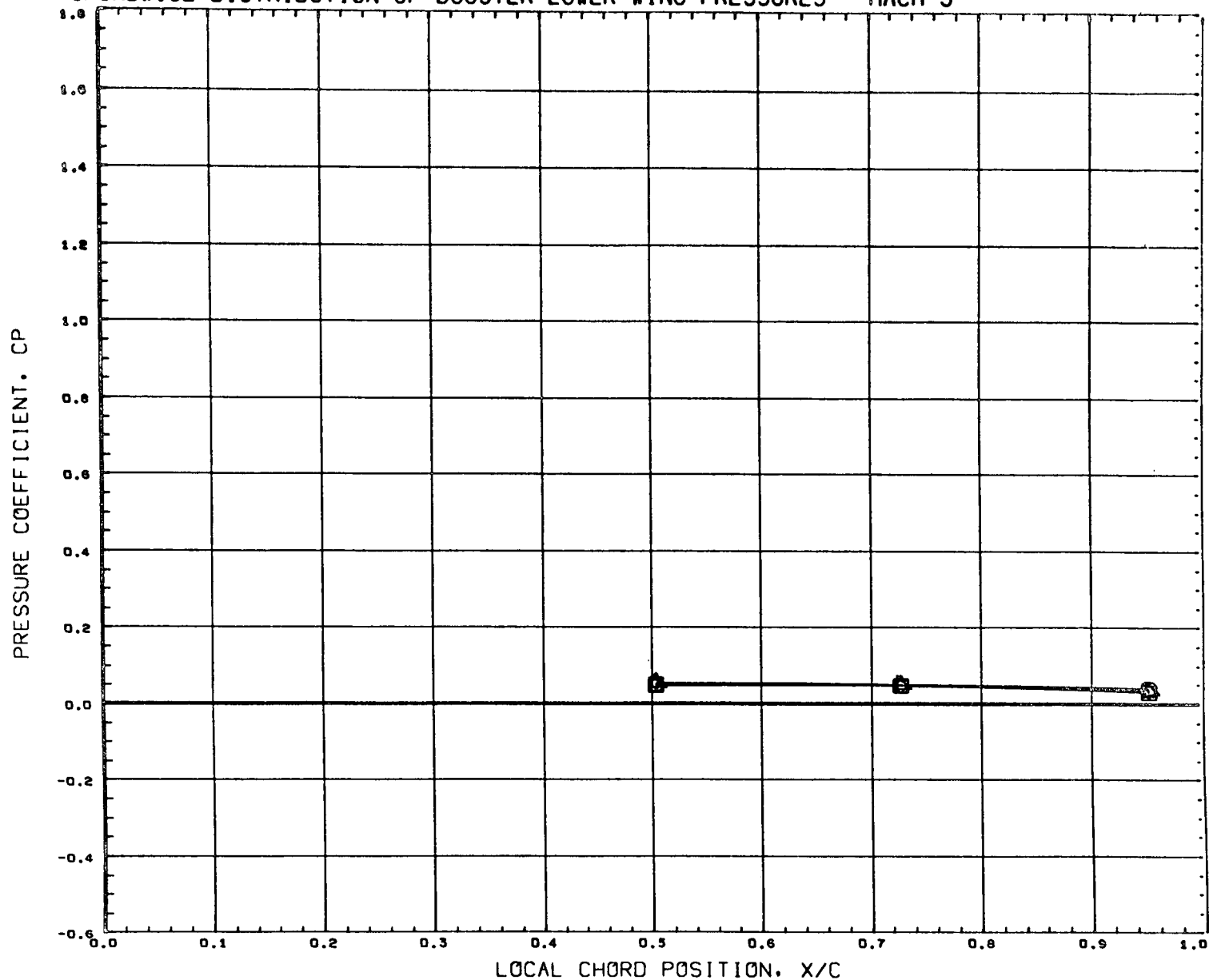


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

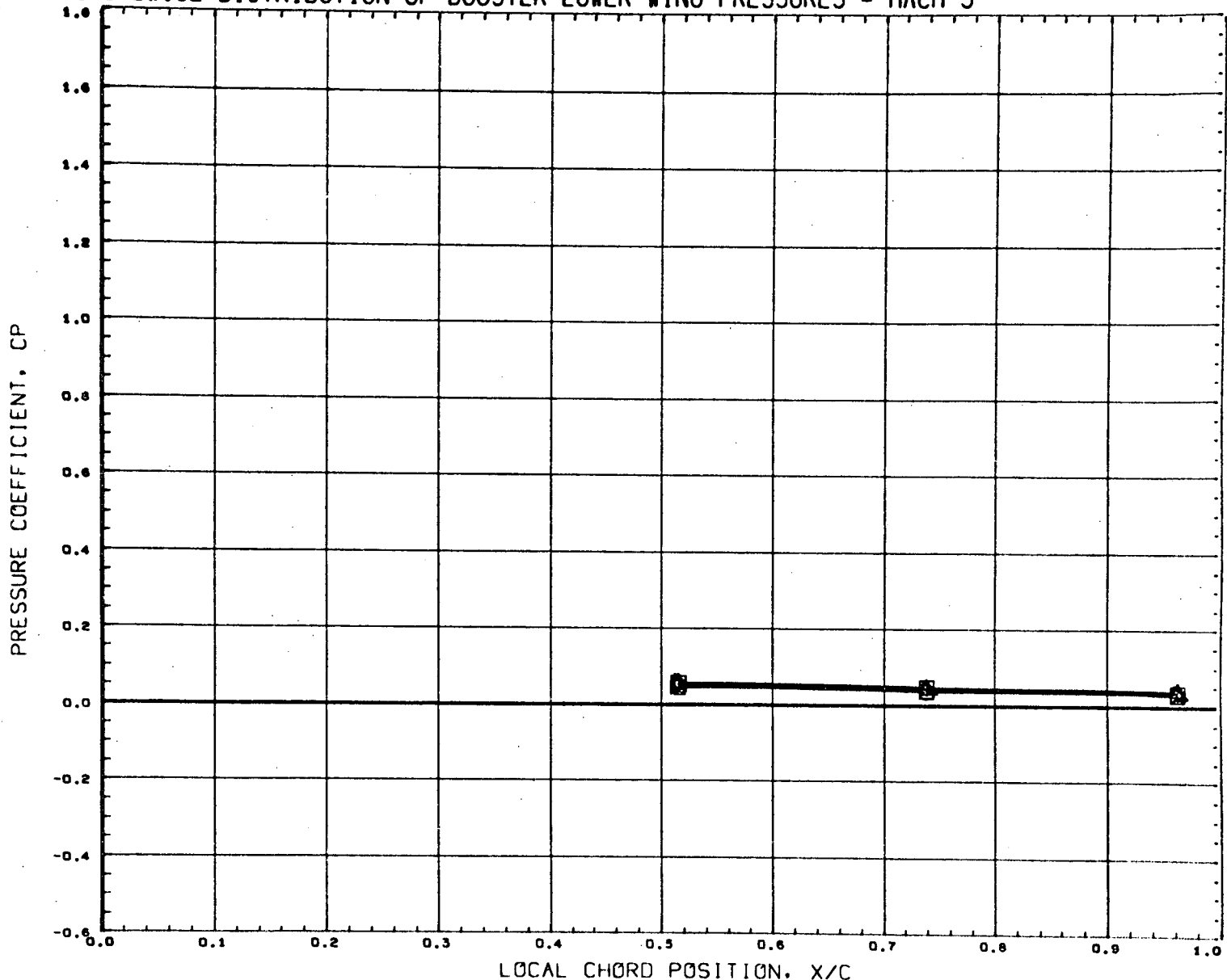


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
◻	0.103		
◼	0.227		
◽	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

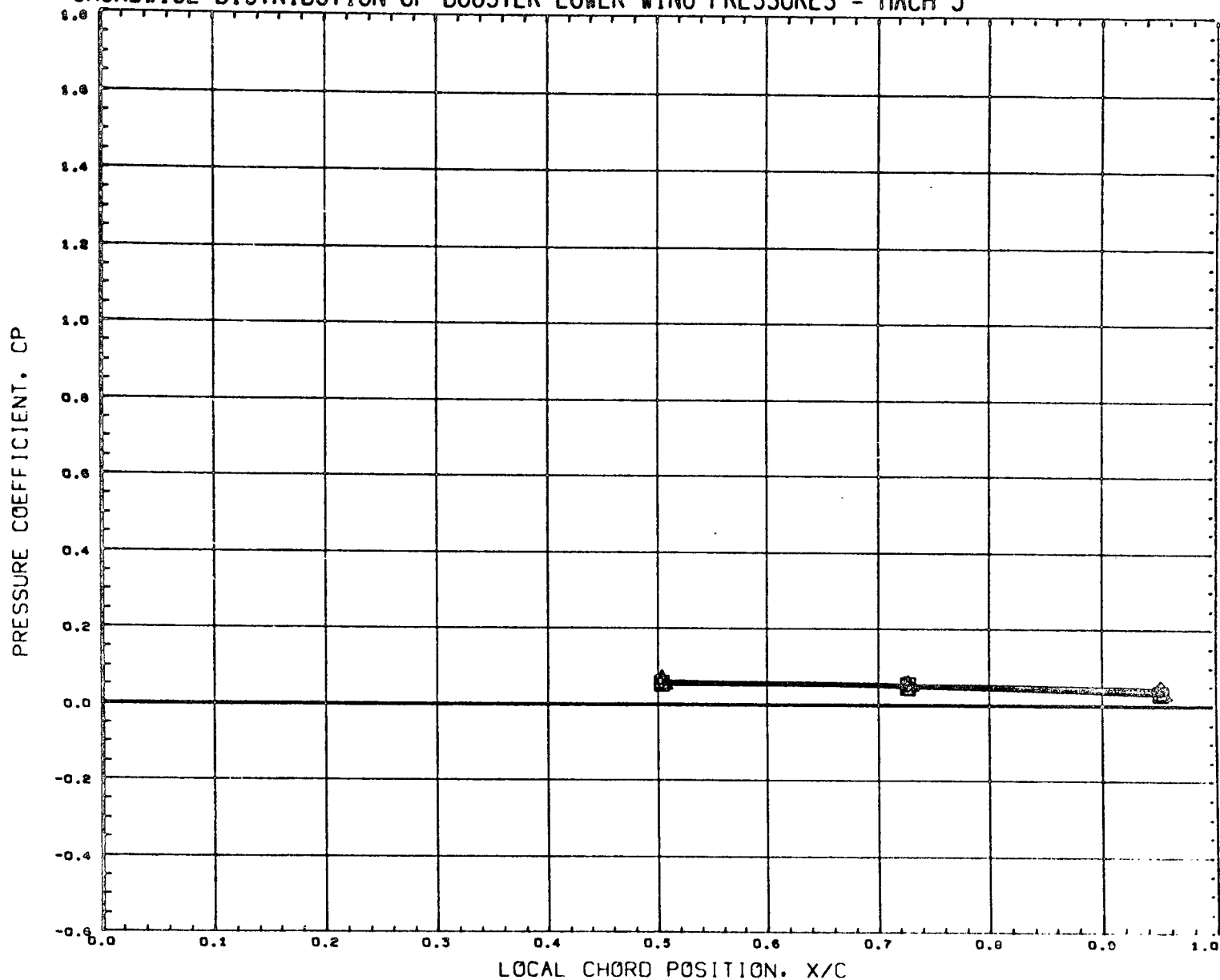


LOCAL CHORD POSITION, X/C

SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

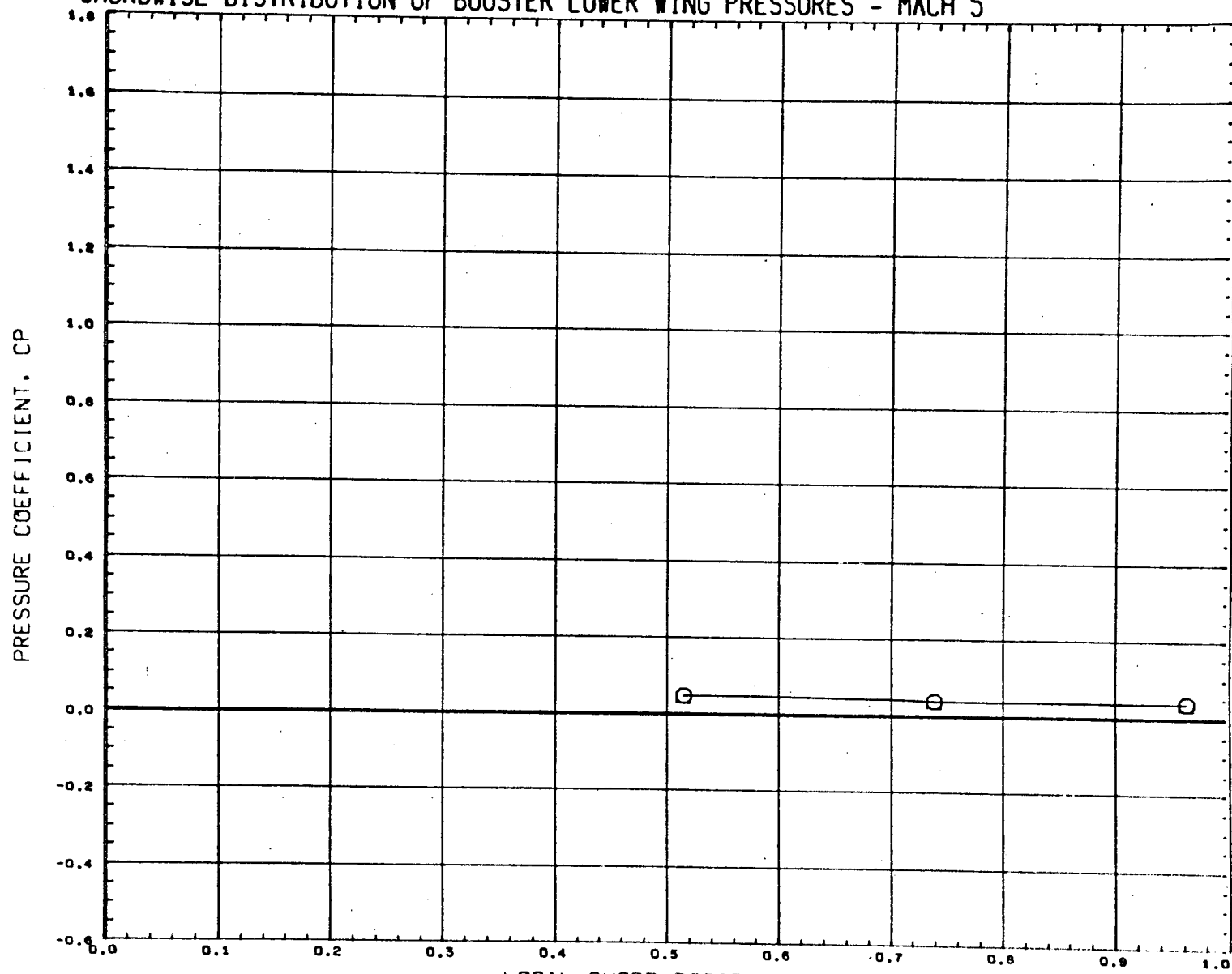


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.359	0.228
◇	0.143		
◇	0.020		
□	0.103		
△	0.227		
□	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
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MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.221 DELTAZ 0.908

PARAMETRIC VALUES
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 MACH 4.940 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

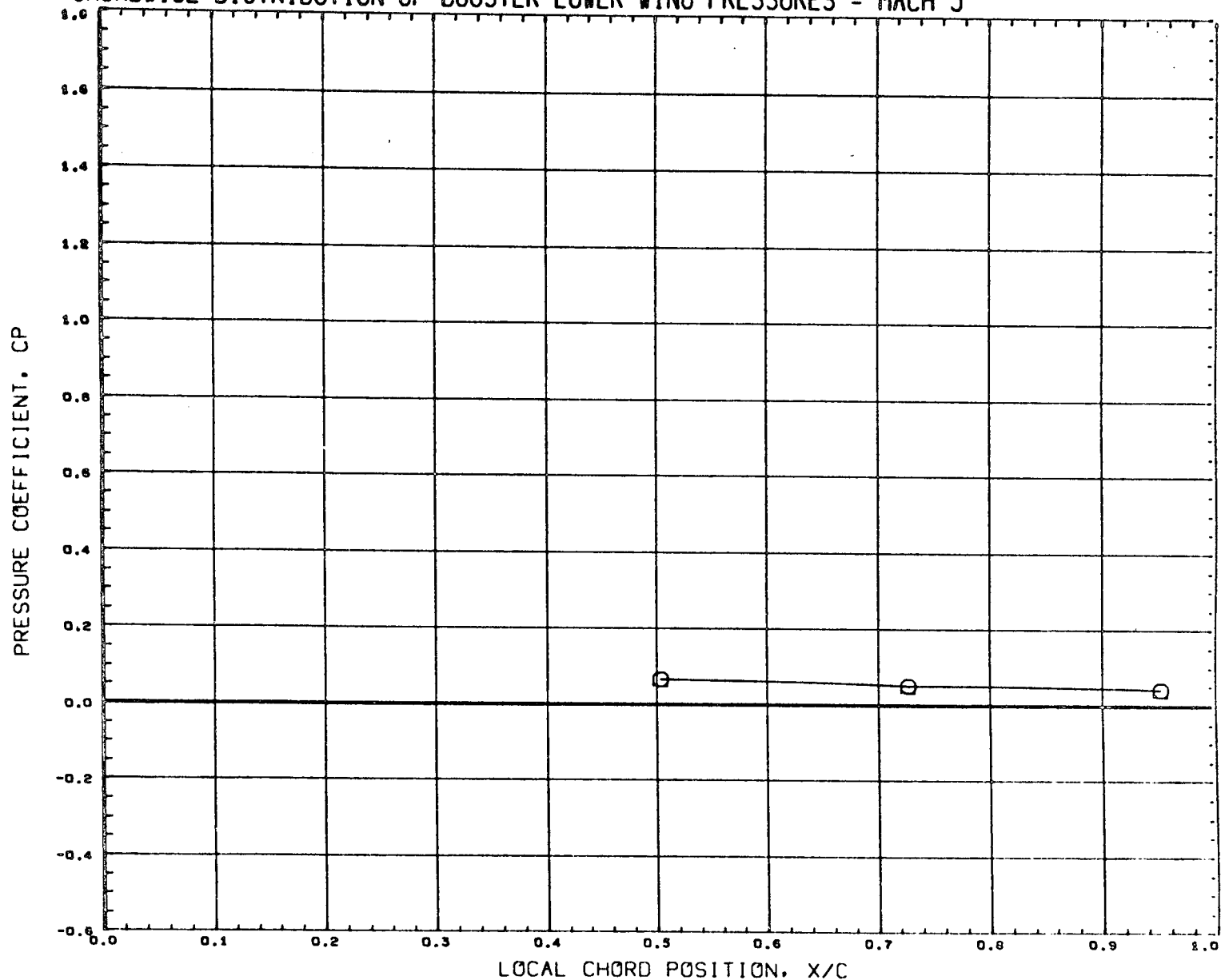
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AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8511•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
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 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

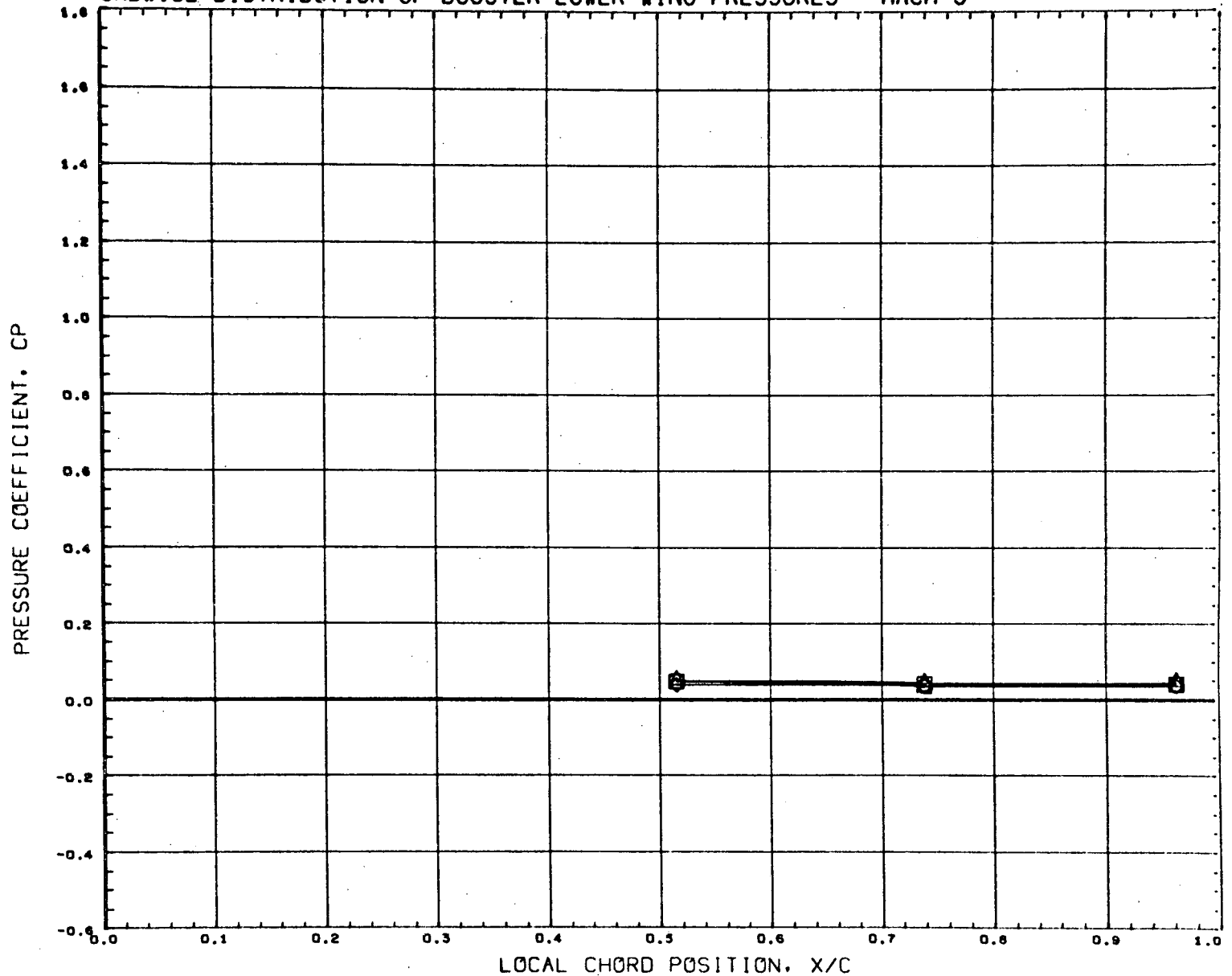
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AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8511•

PAGE 1126

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
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MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

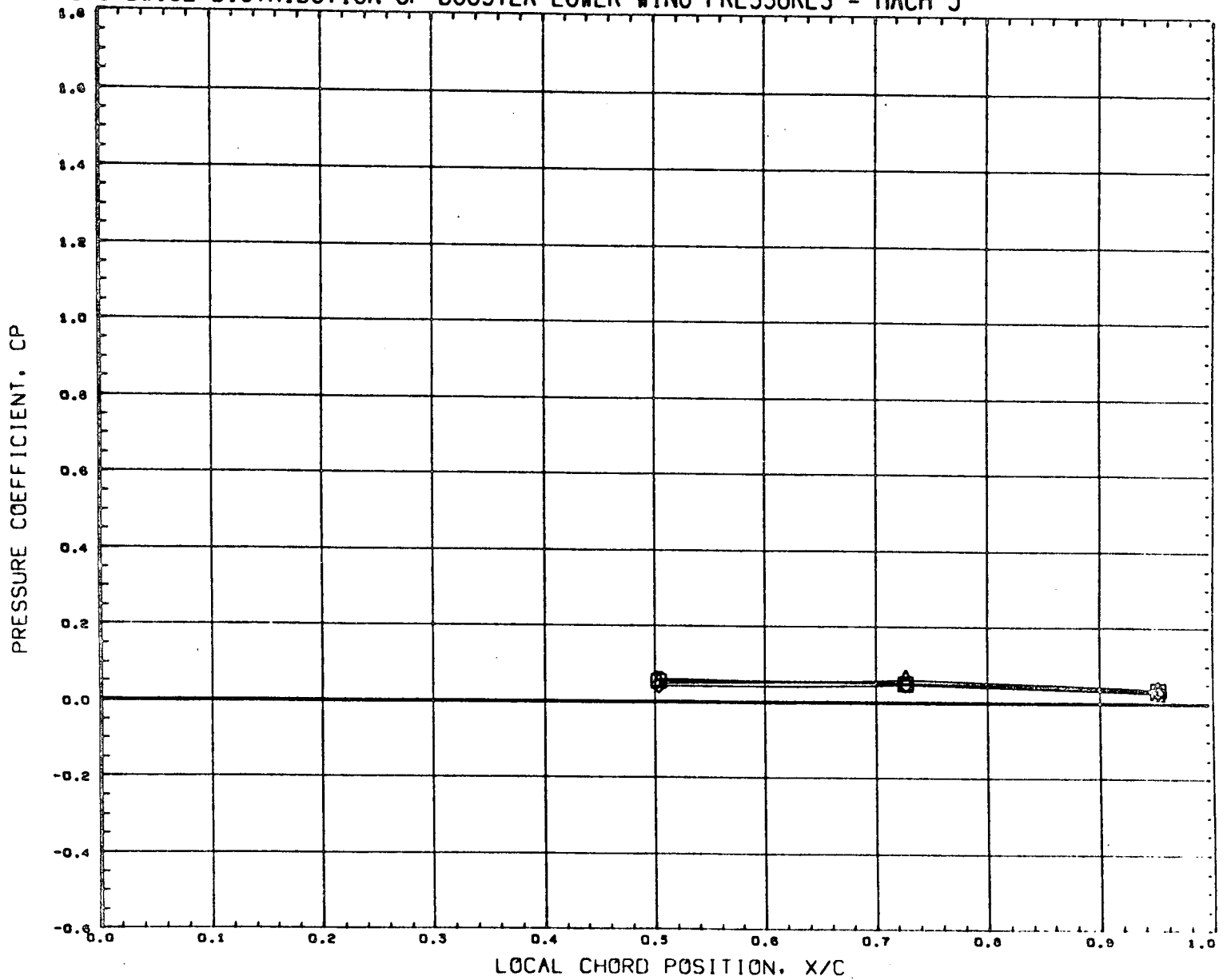
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AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8512•

PAGE 1127

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
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MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

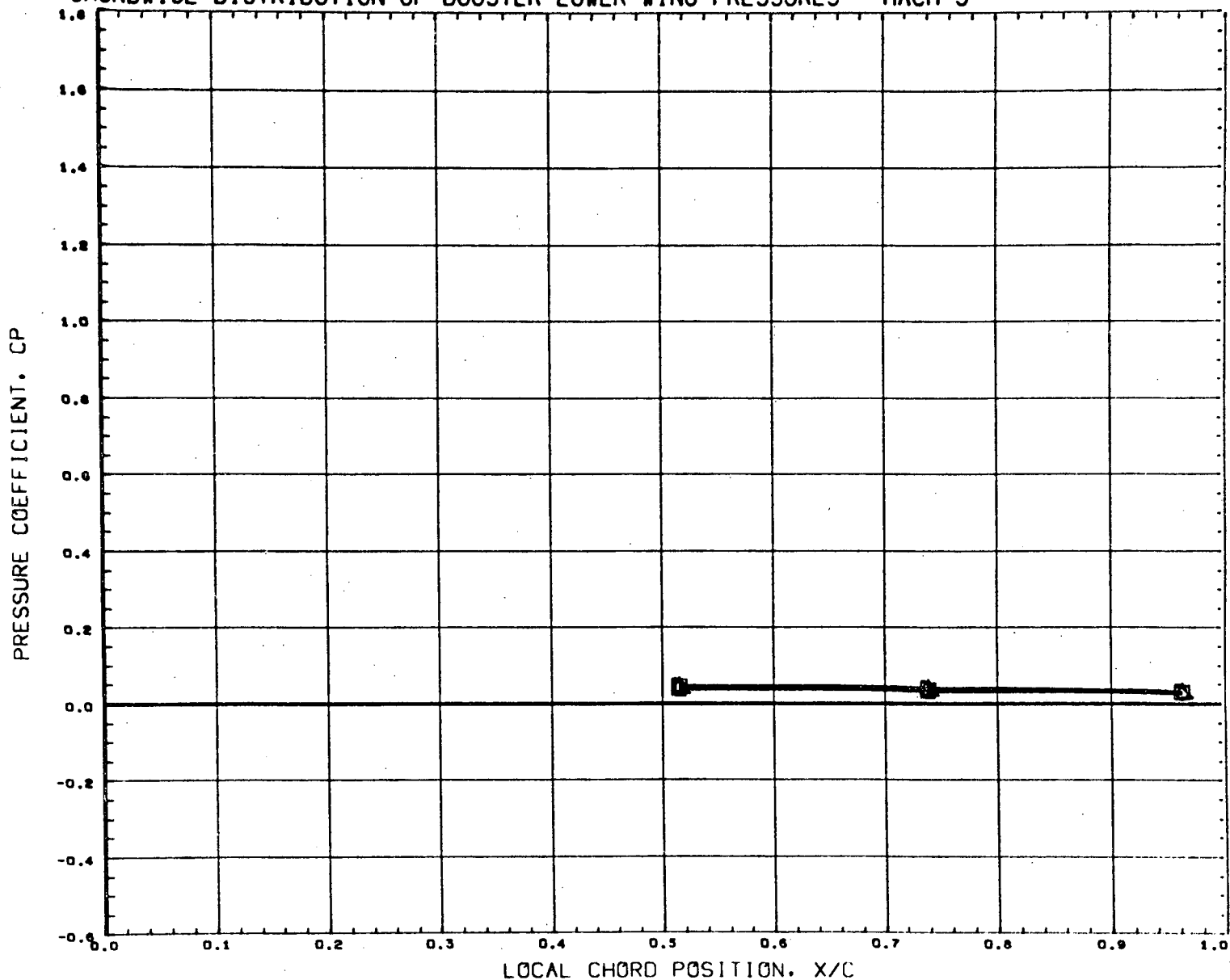
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AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8512•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

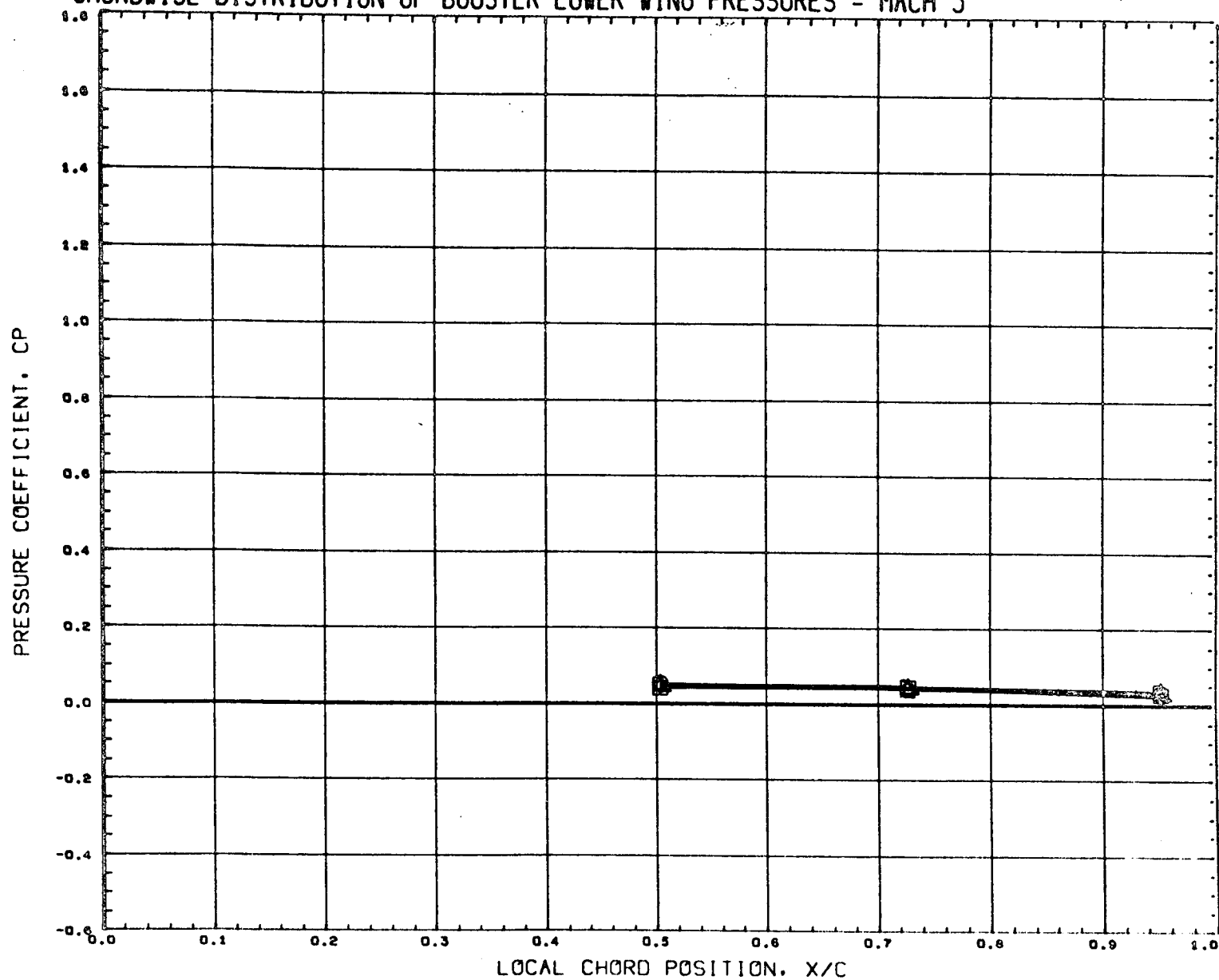
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MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8512•

PAGE 1129

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

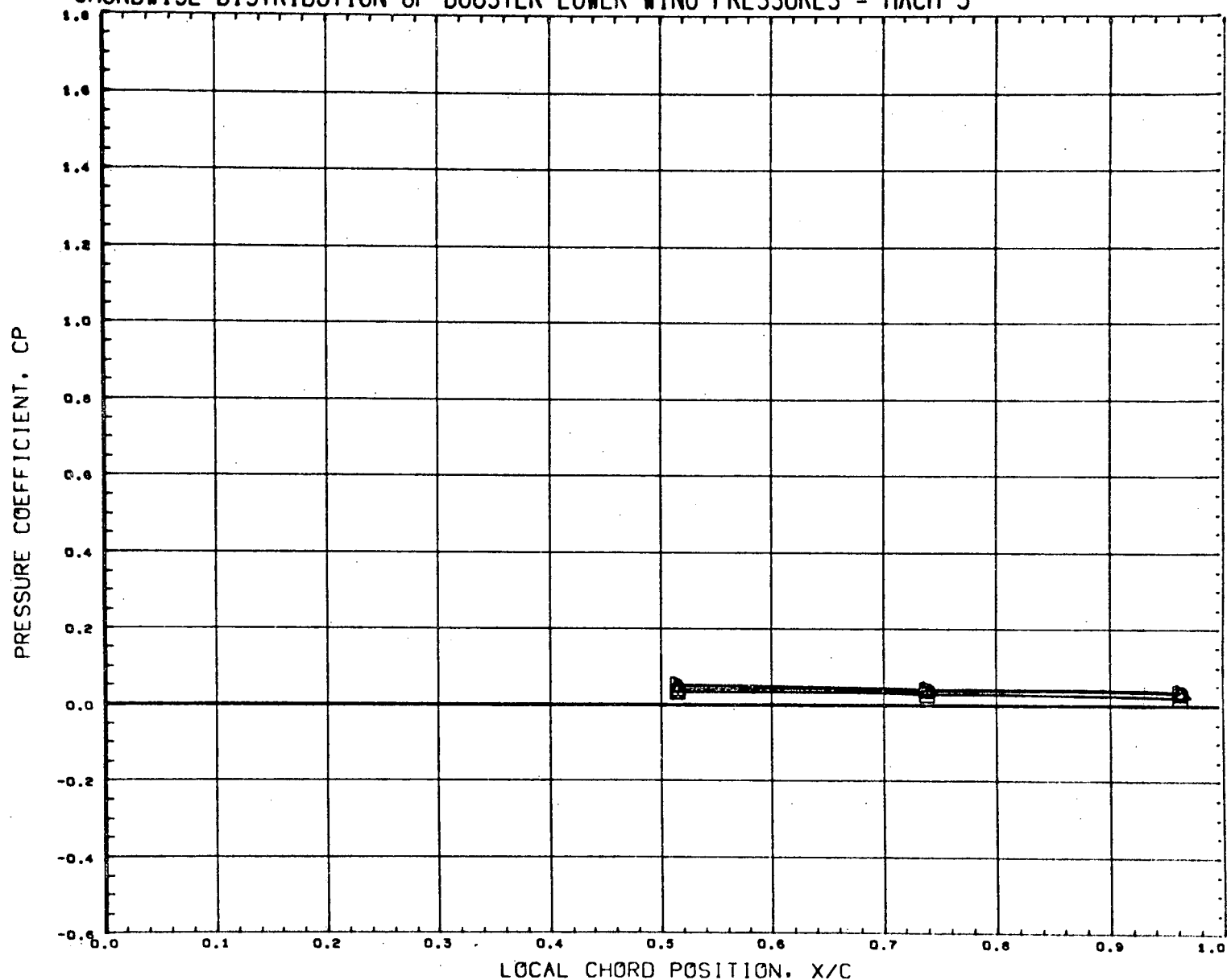


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
◇	- 0.143		
◇	- 0.020		
□	0.103		
□	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



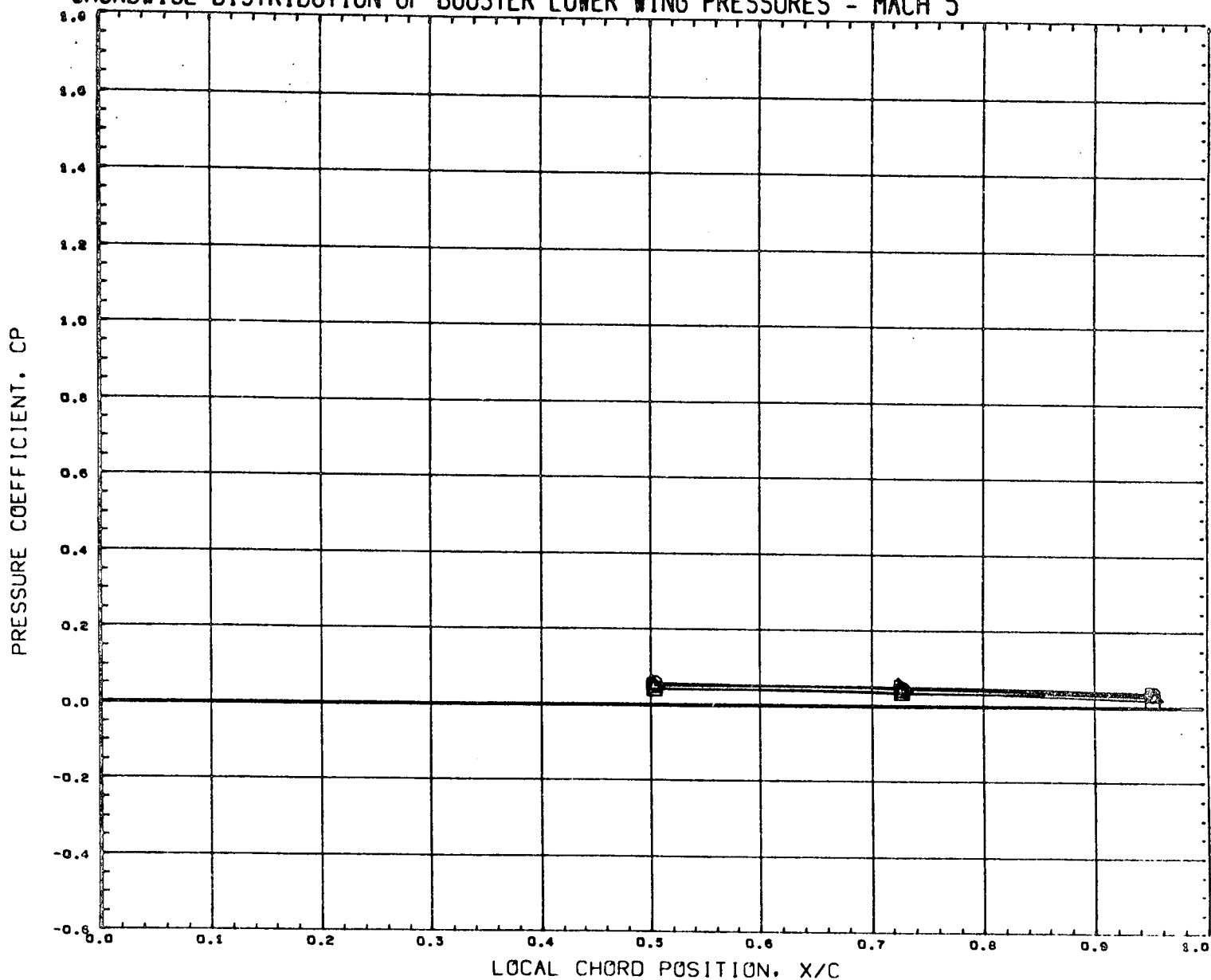
SYMBOL	DELTA X	Y/B	DELTA Z
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△	0.143		
◇	0.020		
◻	0.103		
◼	0.227		
◽	0.350		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

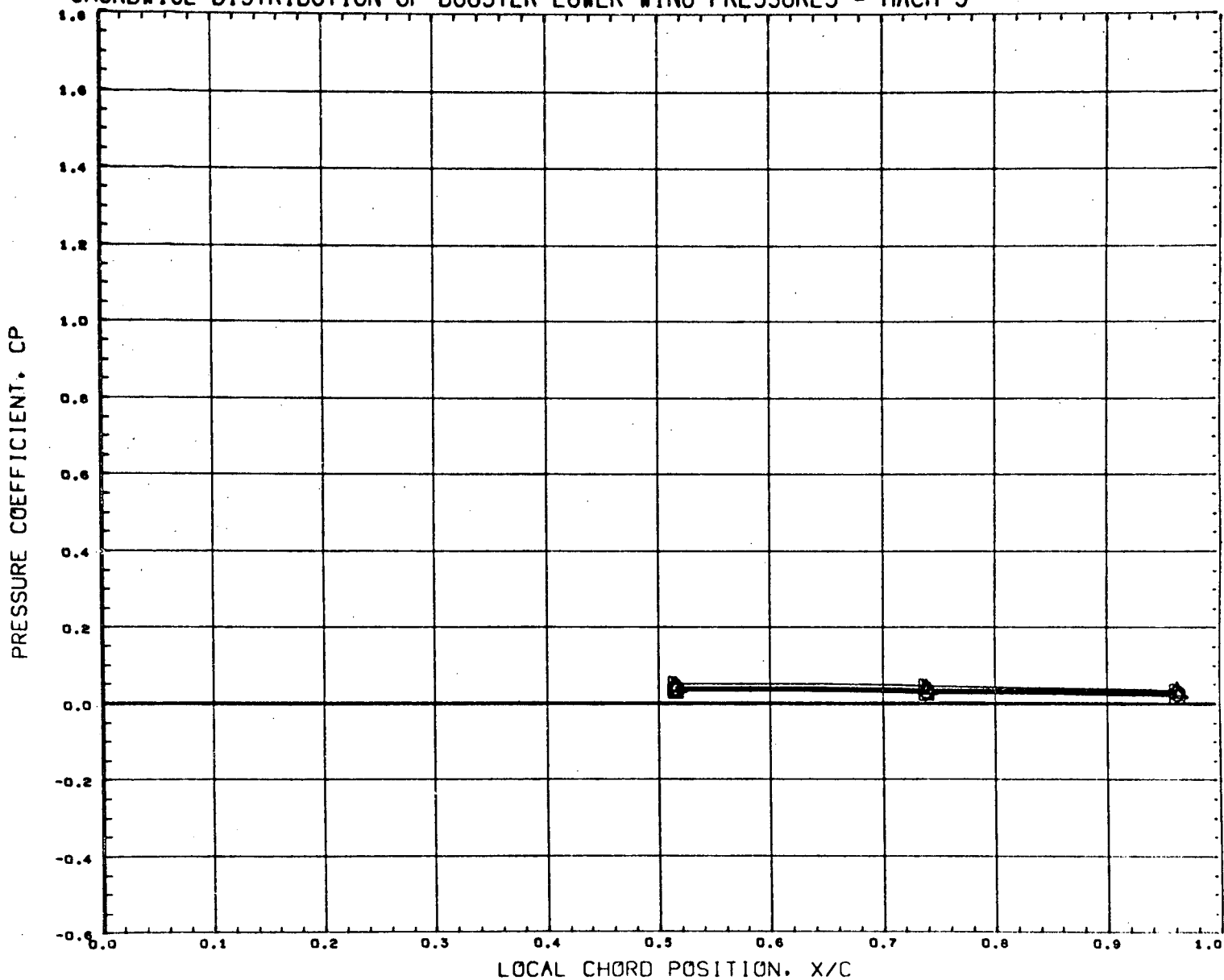


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.399	0.151
-	0.143		
-	0.020		
-	0.103		
-	0.227		
-	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350	REFERENCE FILE	

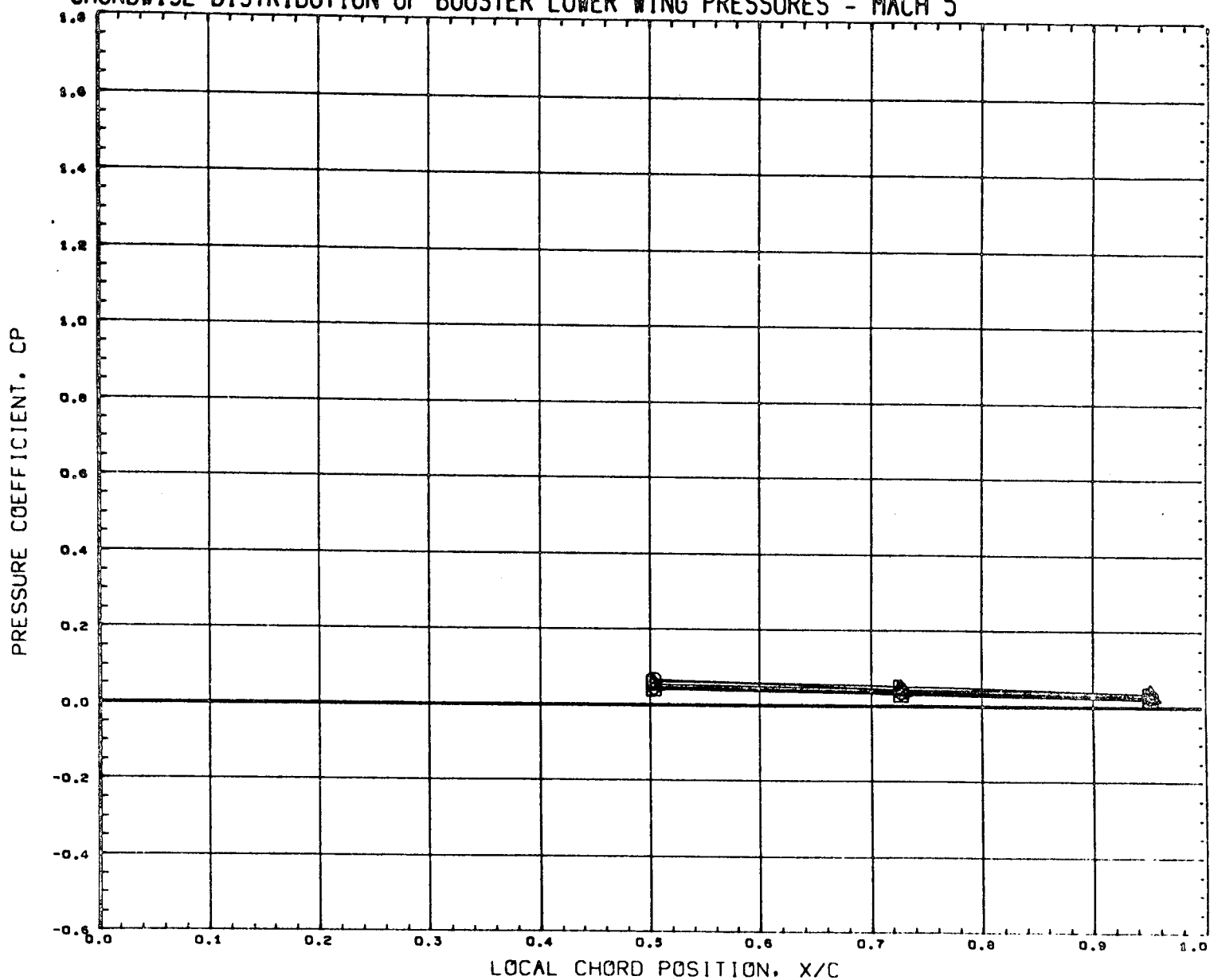
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8512•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

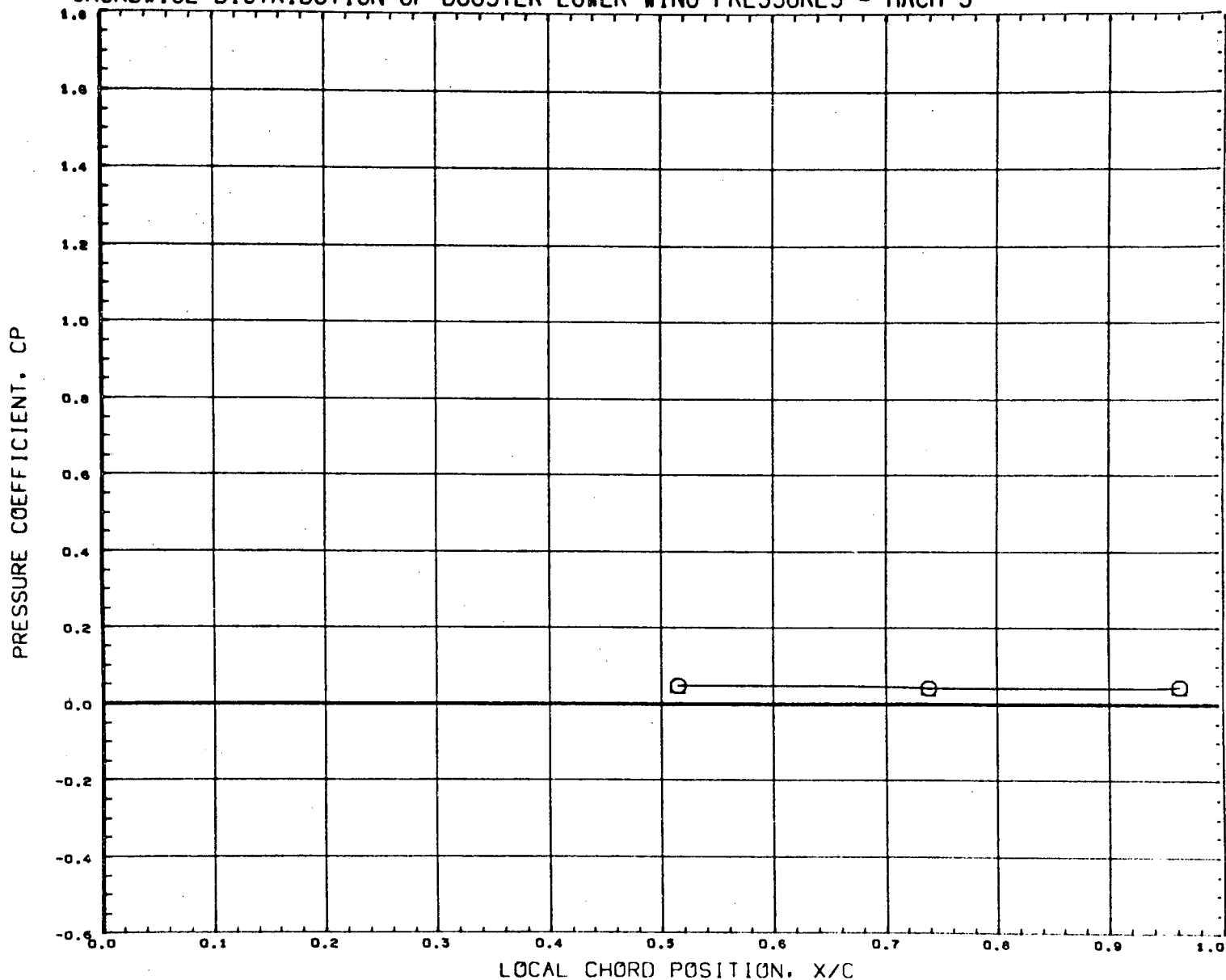


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.228
◇	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

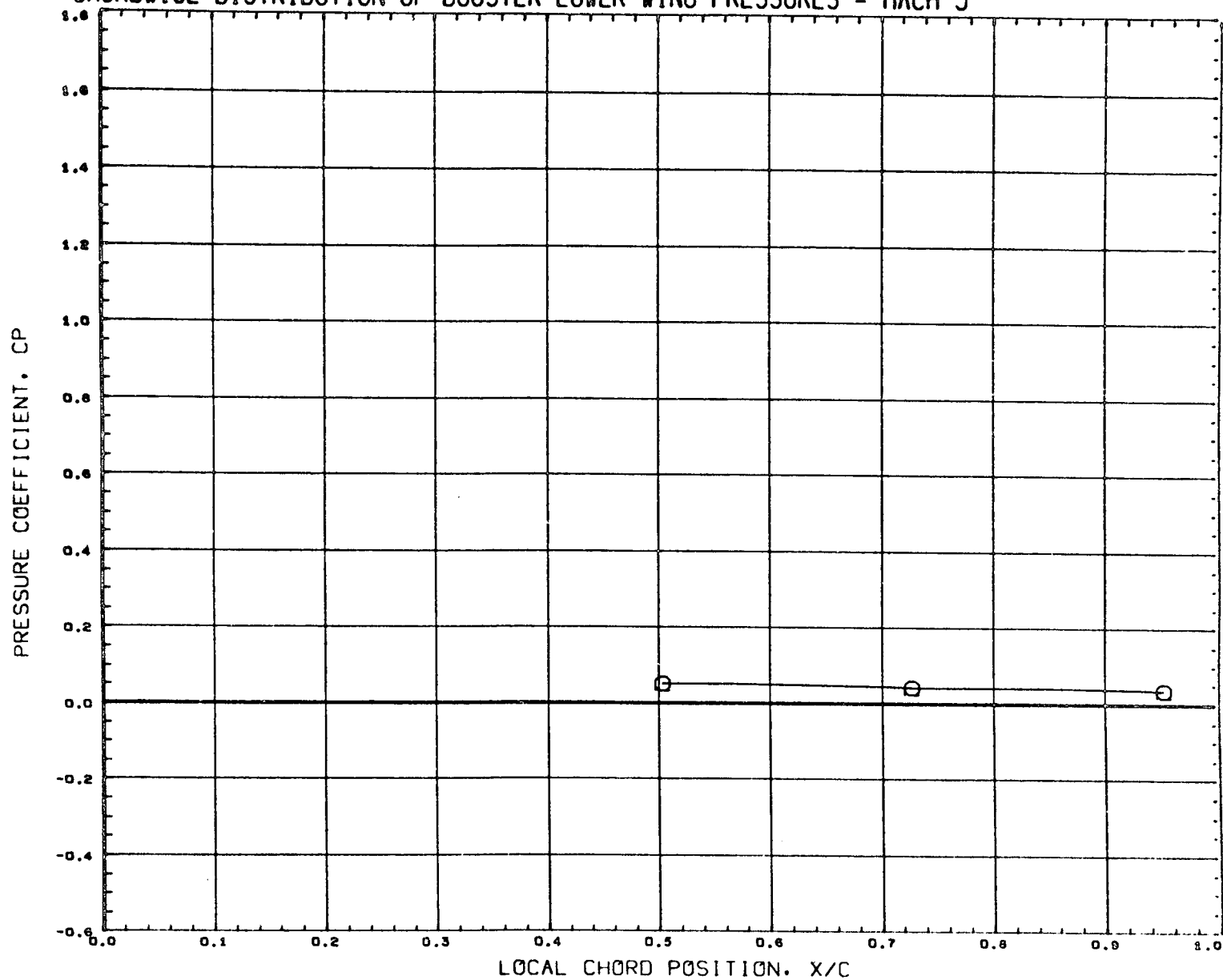
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAD - 4.888
 MACH 4.940 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

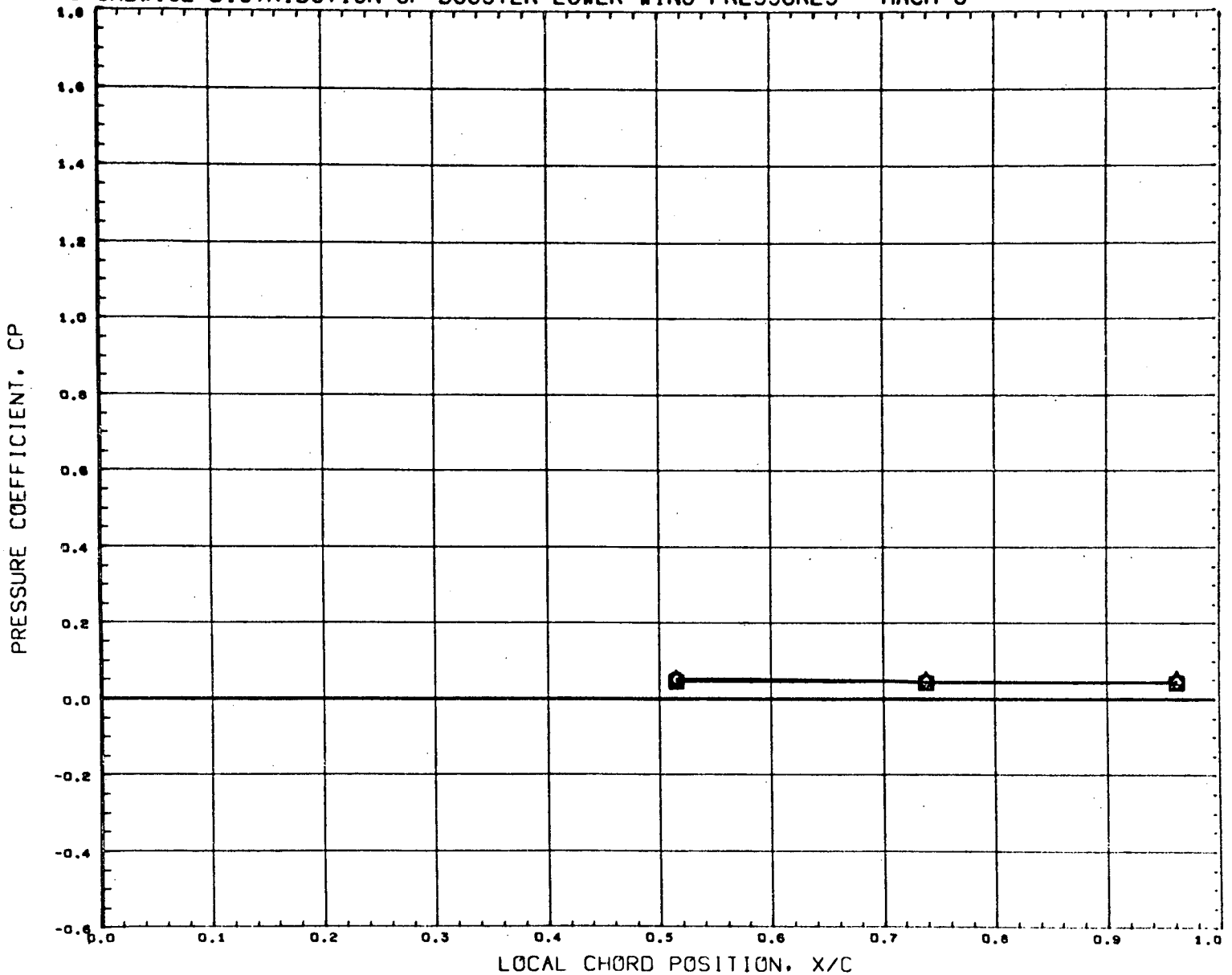
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8512•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

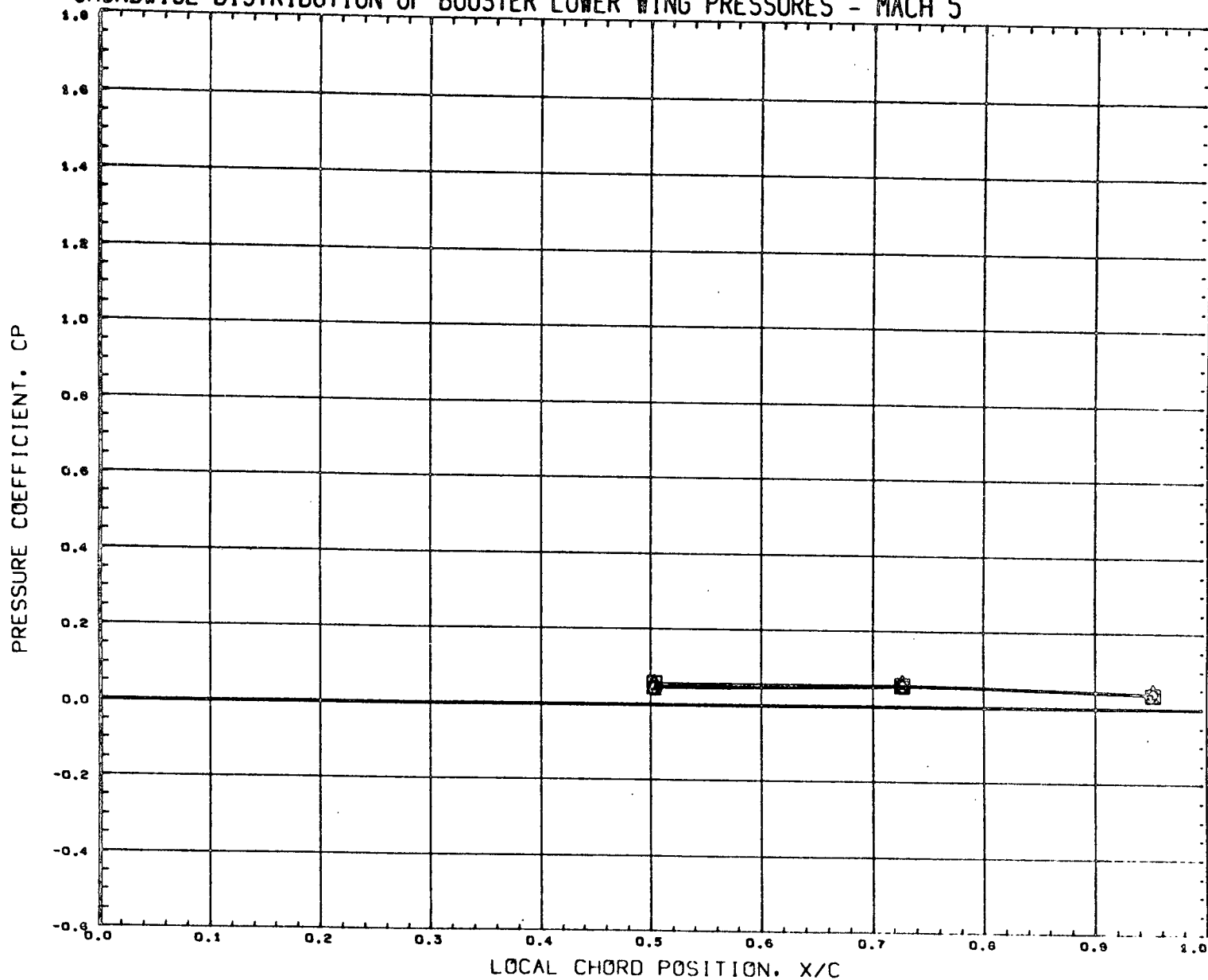
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8513•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

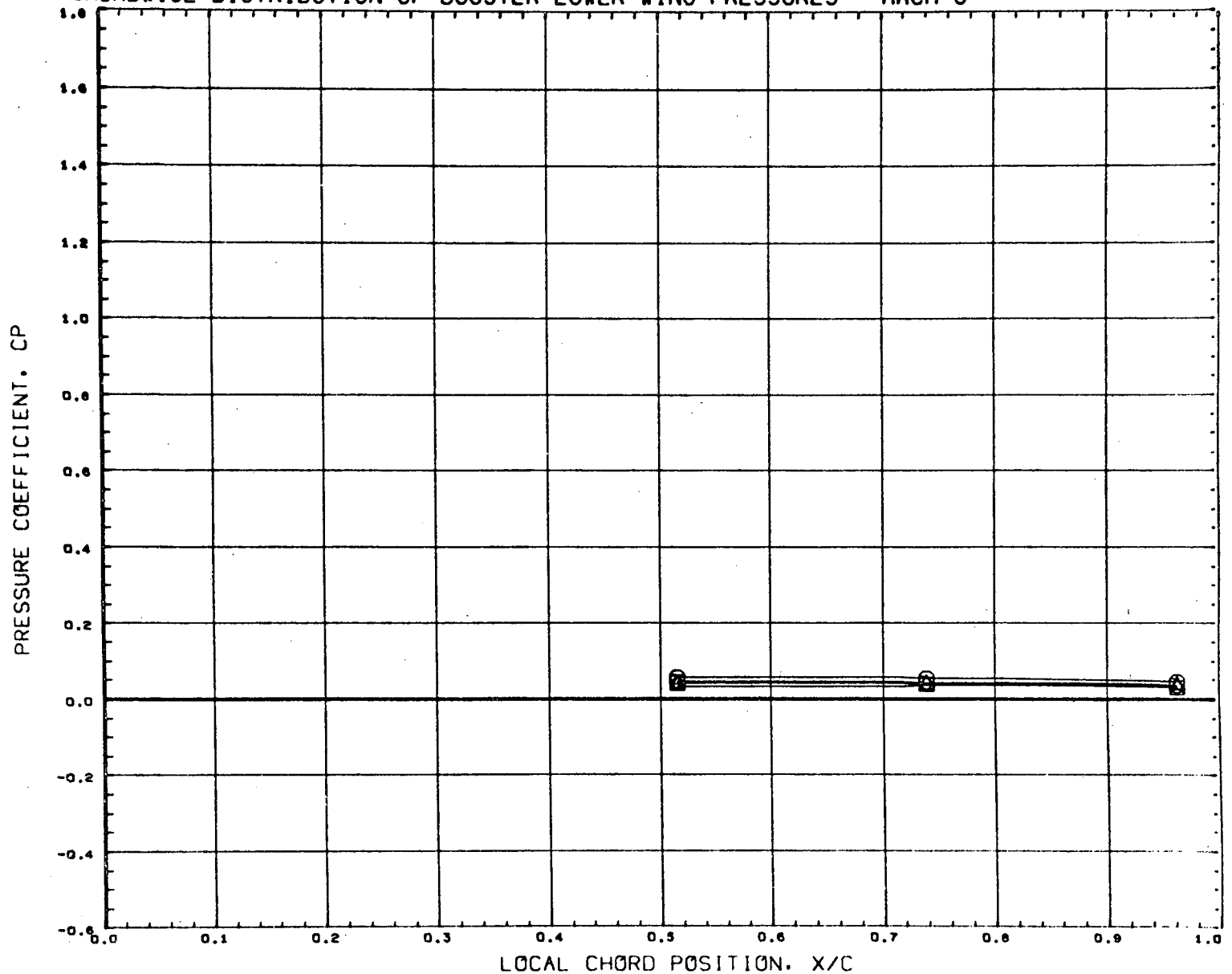
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

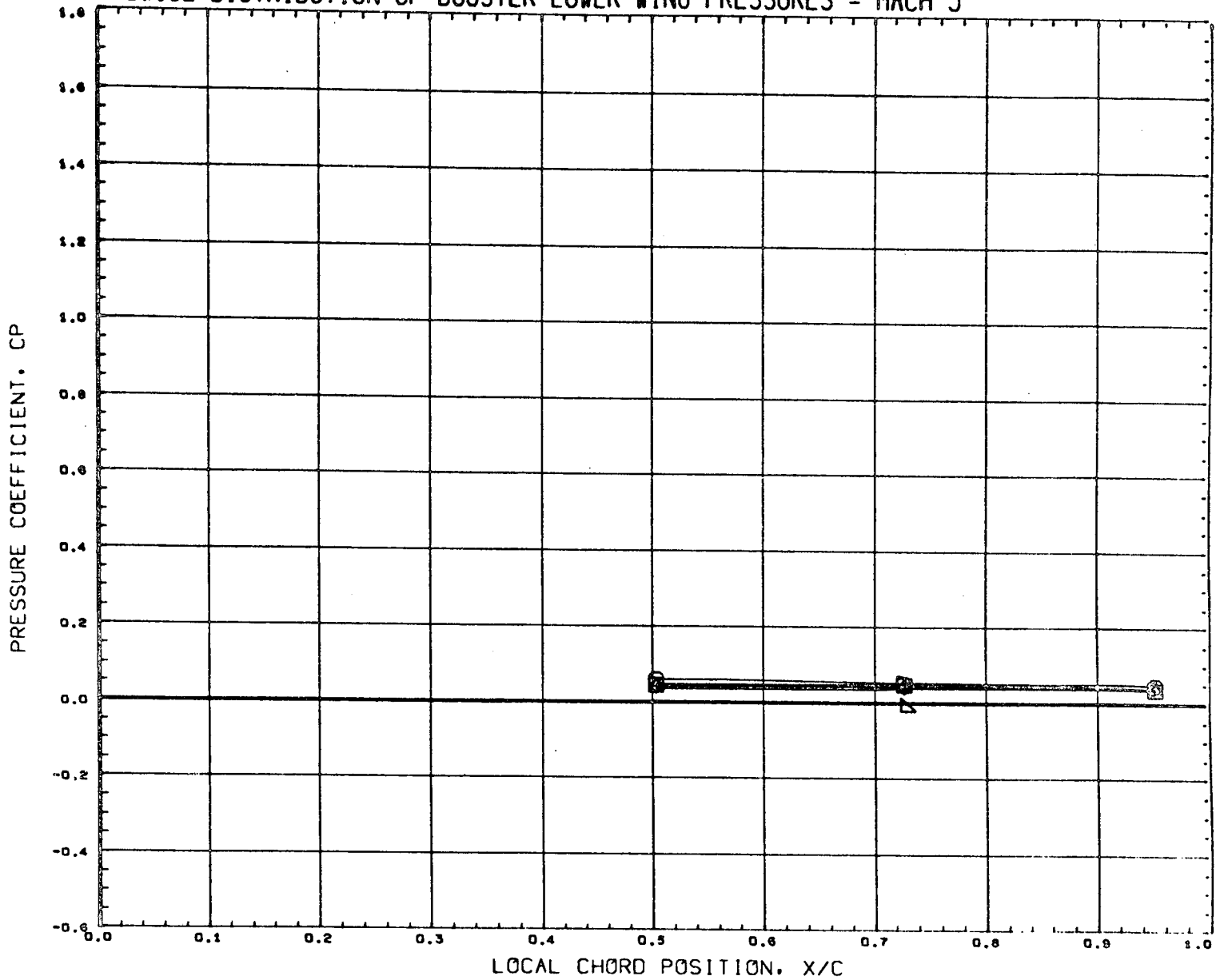


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

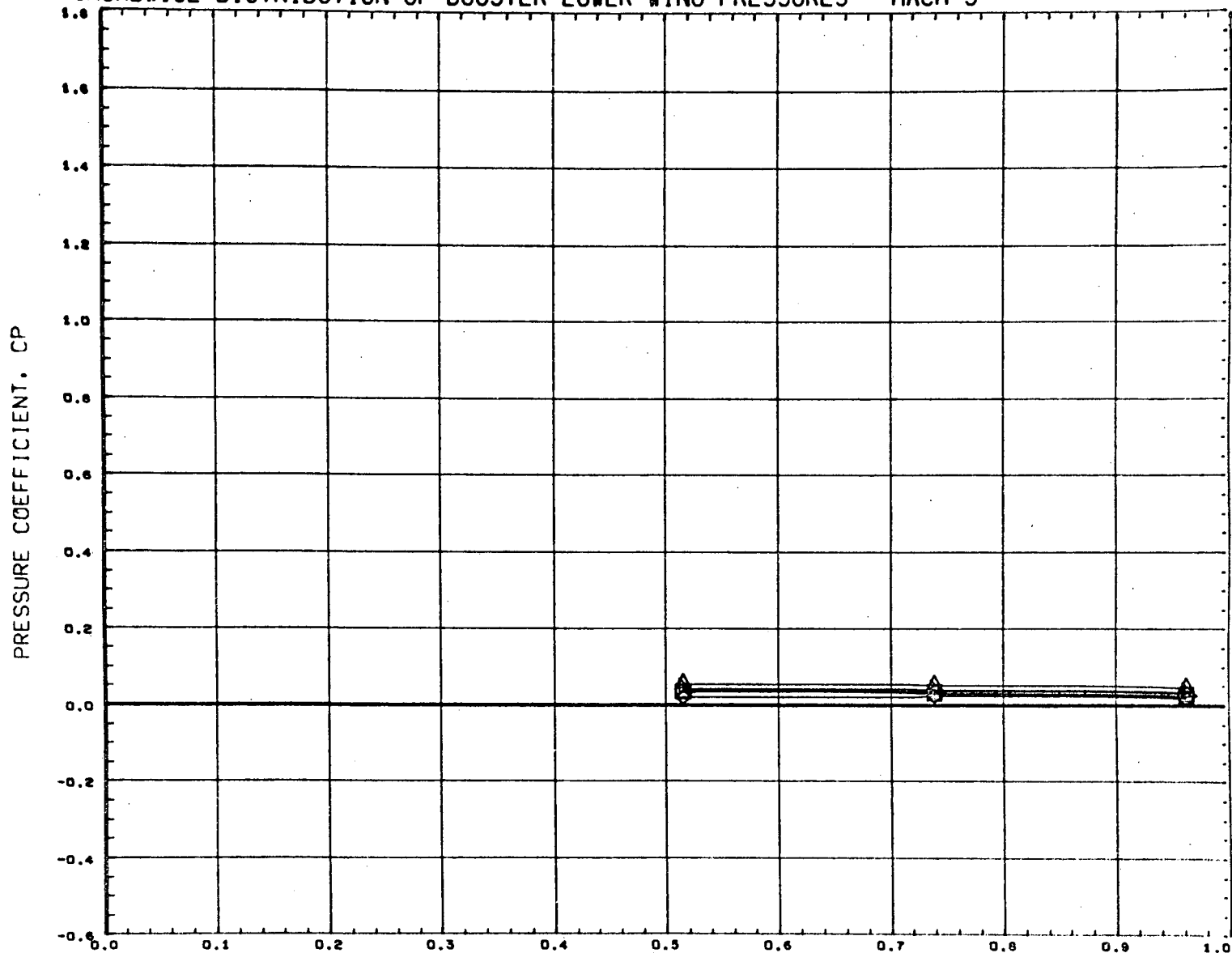


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

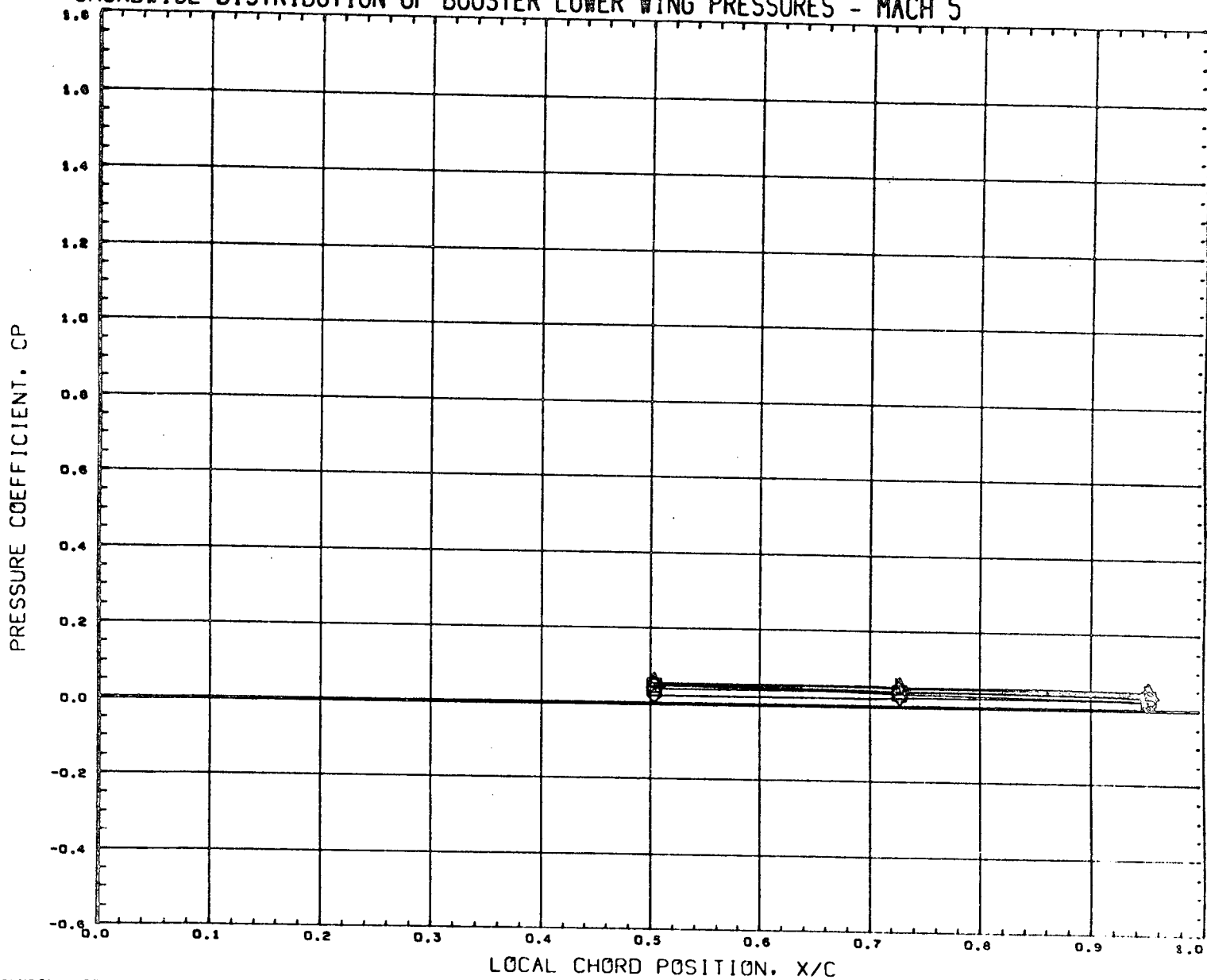
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



LOCAL CHORD POSITION. X/C							
SYMBOL	DELTA X	Y/B	DELTA Z	PARAMETRIC VALUES			
○	- 0.390	0.221	0.151	BETA	0.000	ALPHAB	0.050
△	- 0.143			MACH	4.940	ALPHA I	0.000
◇	- 0.020			ORBPOW	0.000	BSTPOW	0.000
◻	0.103						
◼	0.227						
◽	0.330	REFERENCE FILE					

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.359	0.151
◇	0.143		
◊	0.020		
□	0.103		
▣	0.227		
▤	0.350		

REFERENCE FILE

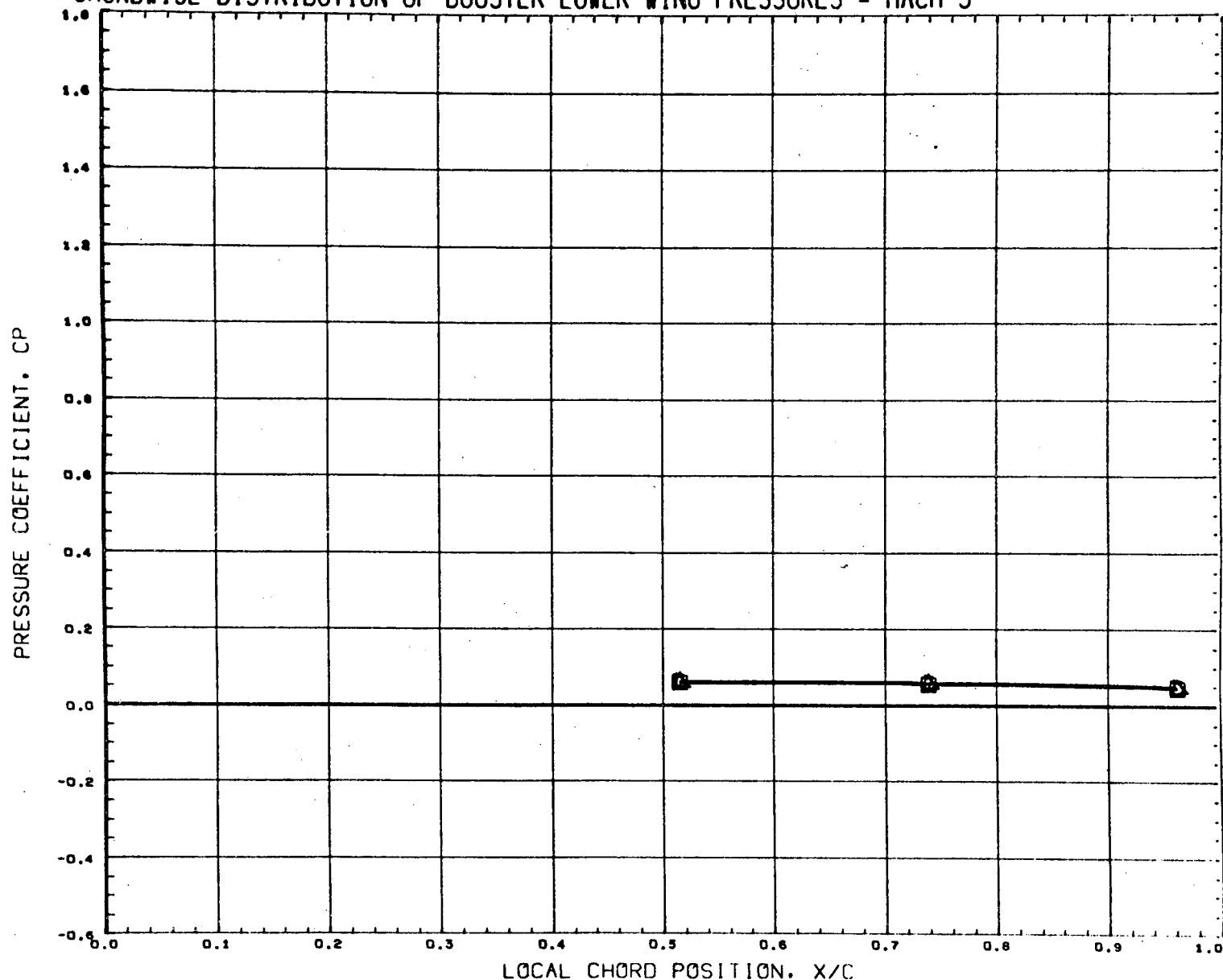
PARAMETRIC VALUES			
BETA	0.000	ALPHA	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8513•

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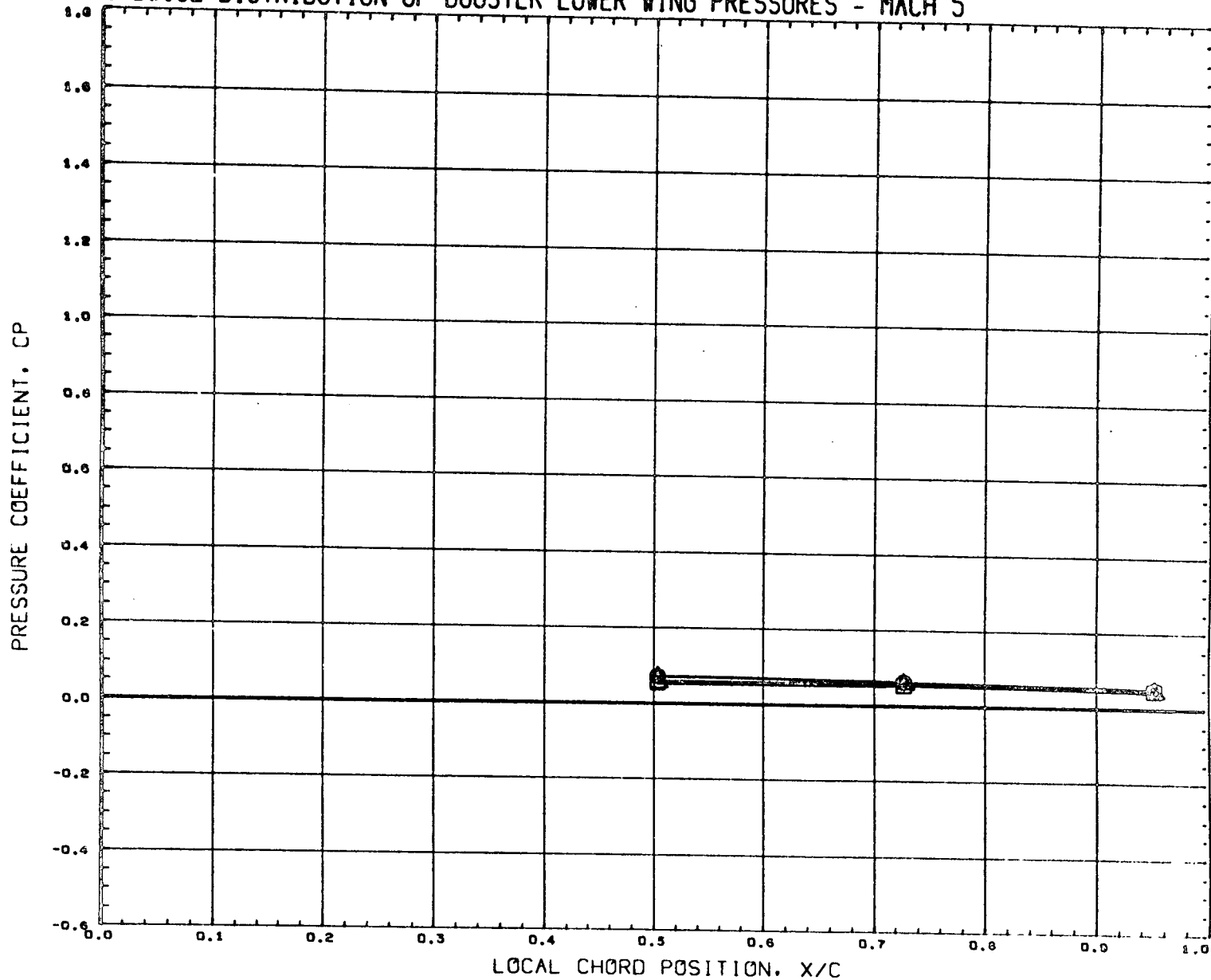
CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.050
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

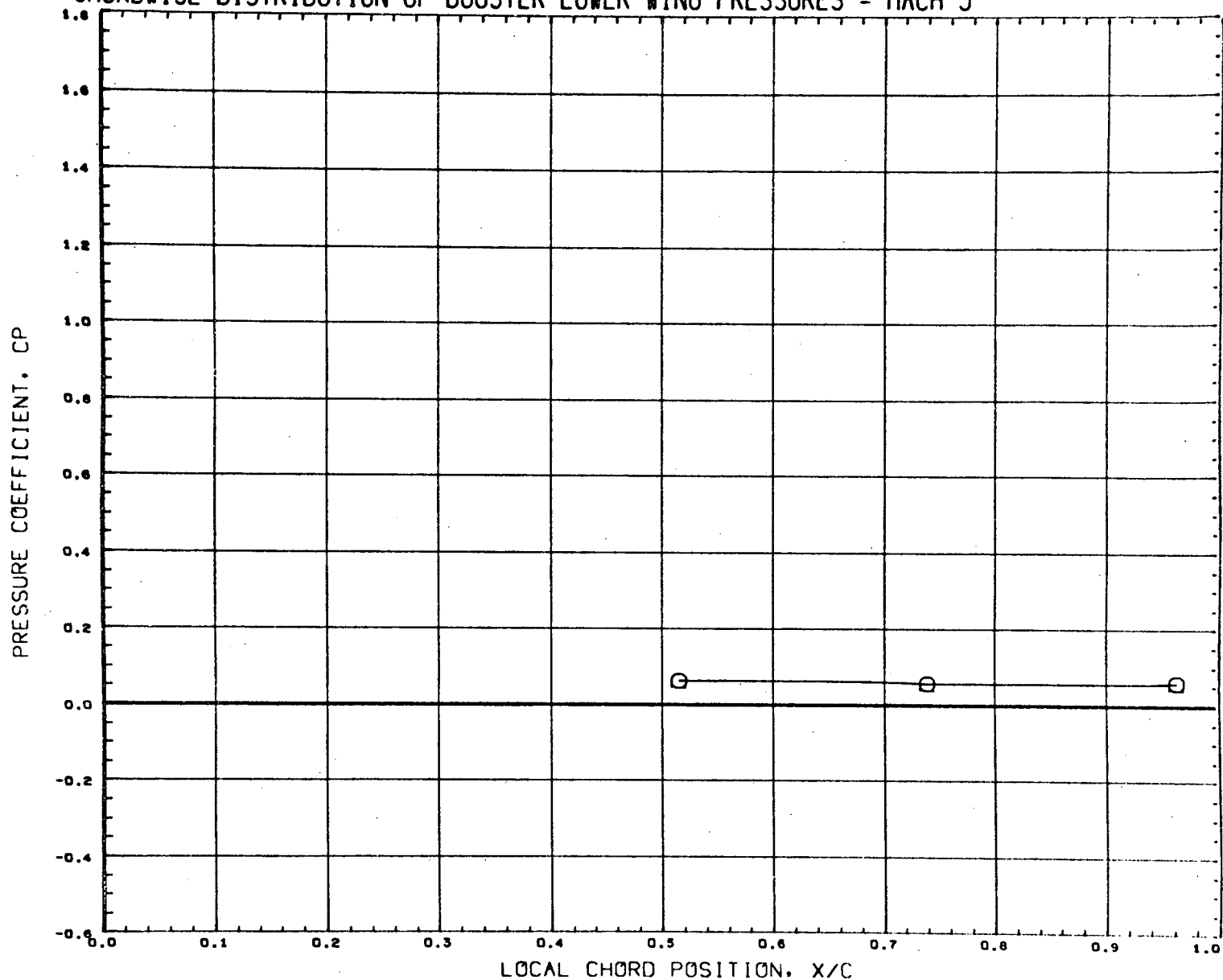
PARAMETRIC VALUES			
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MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.221 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.030
 MACH 4.940 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

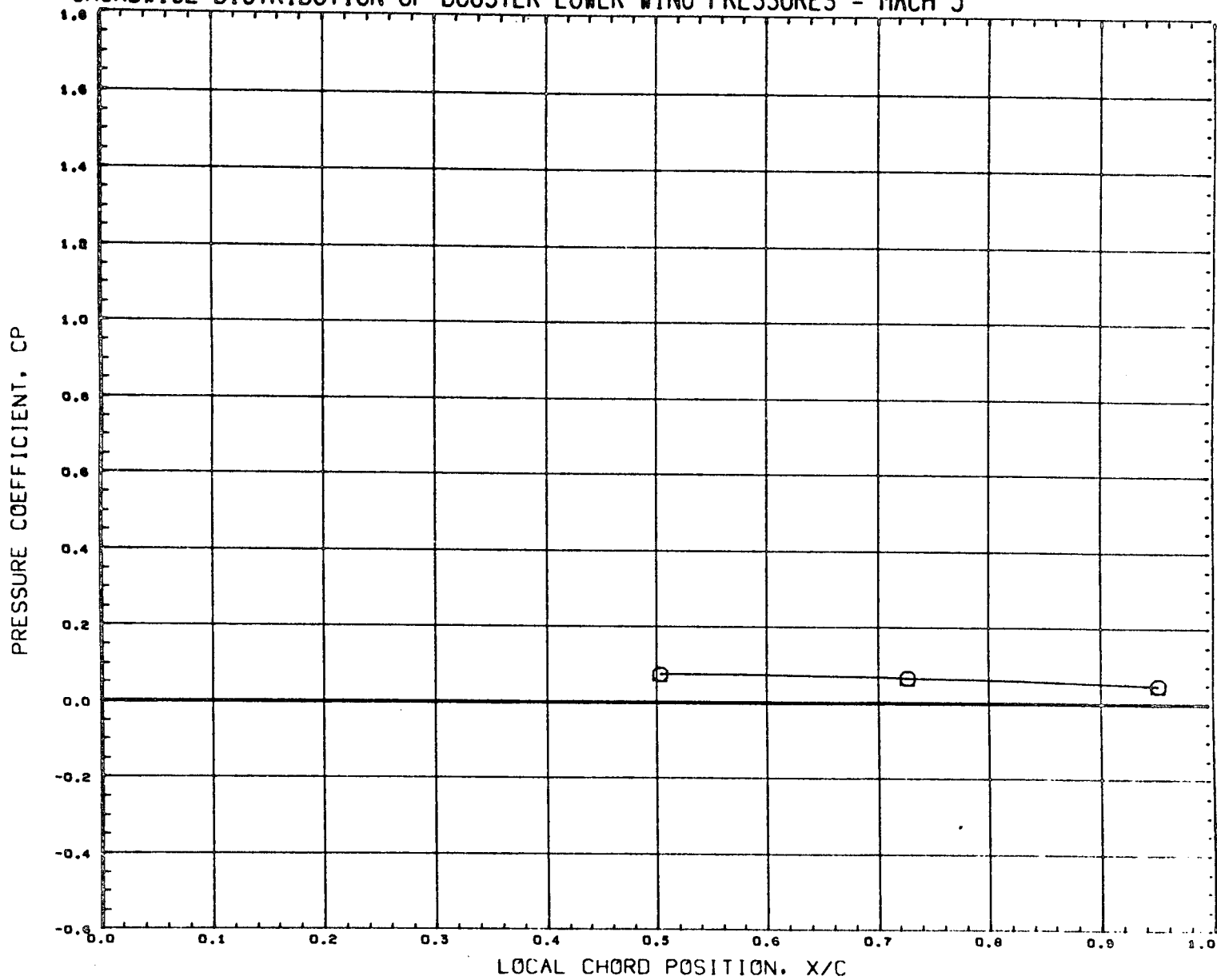
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHA0 0.030
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

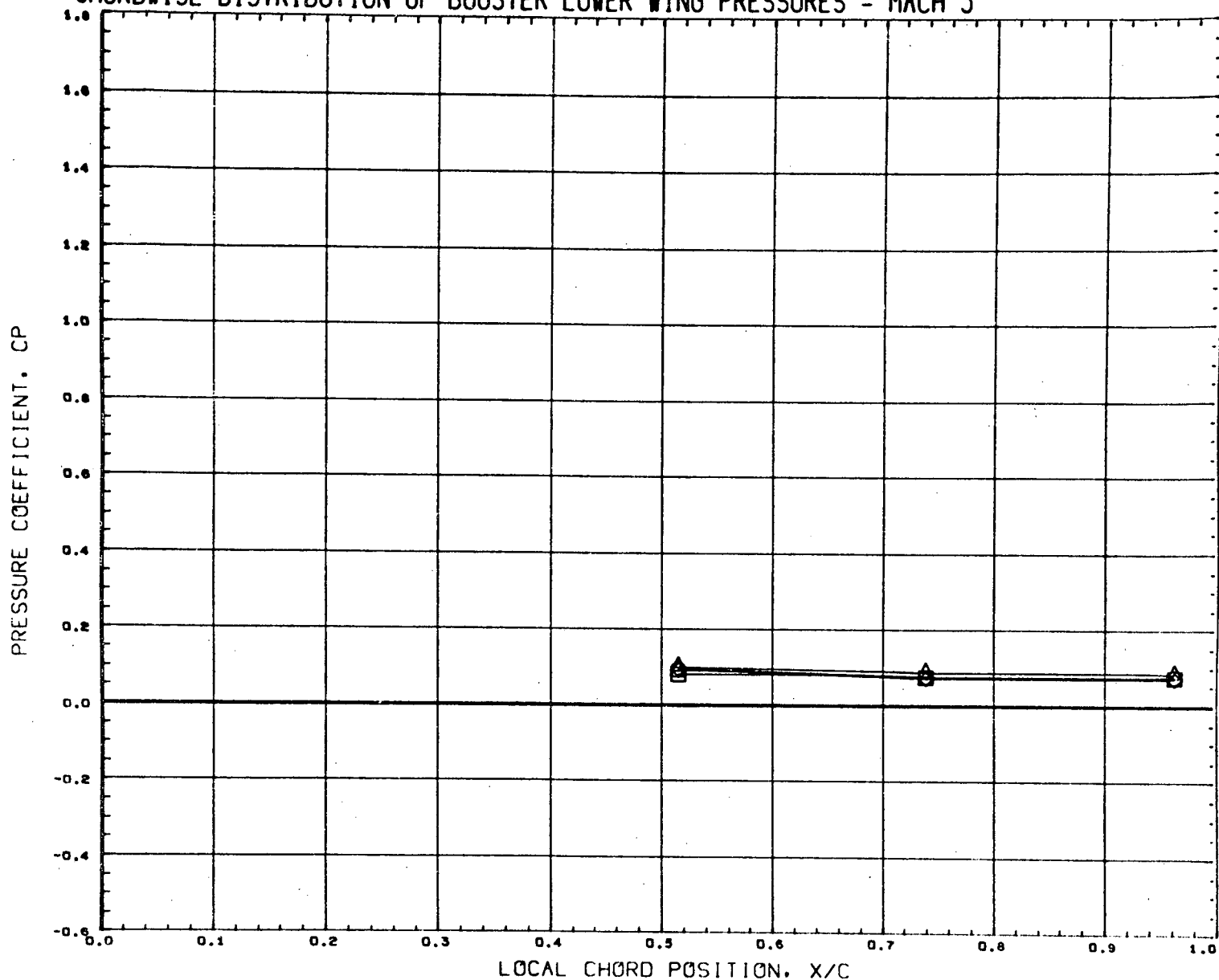
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

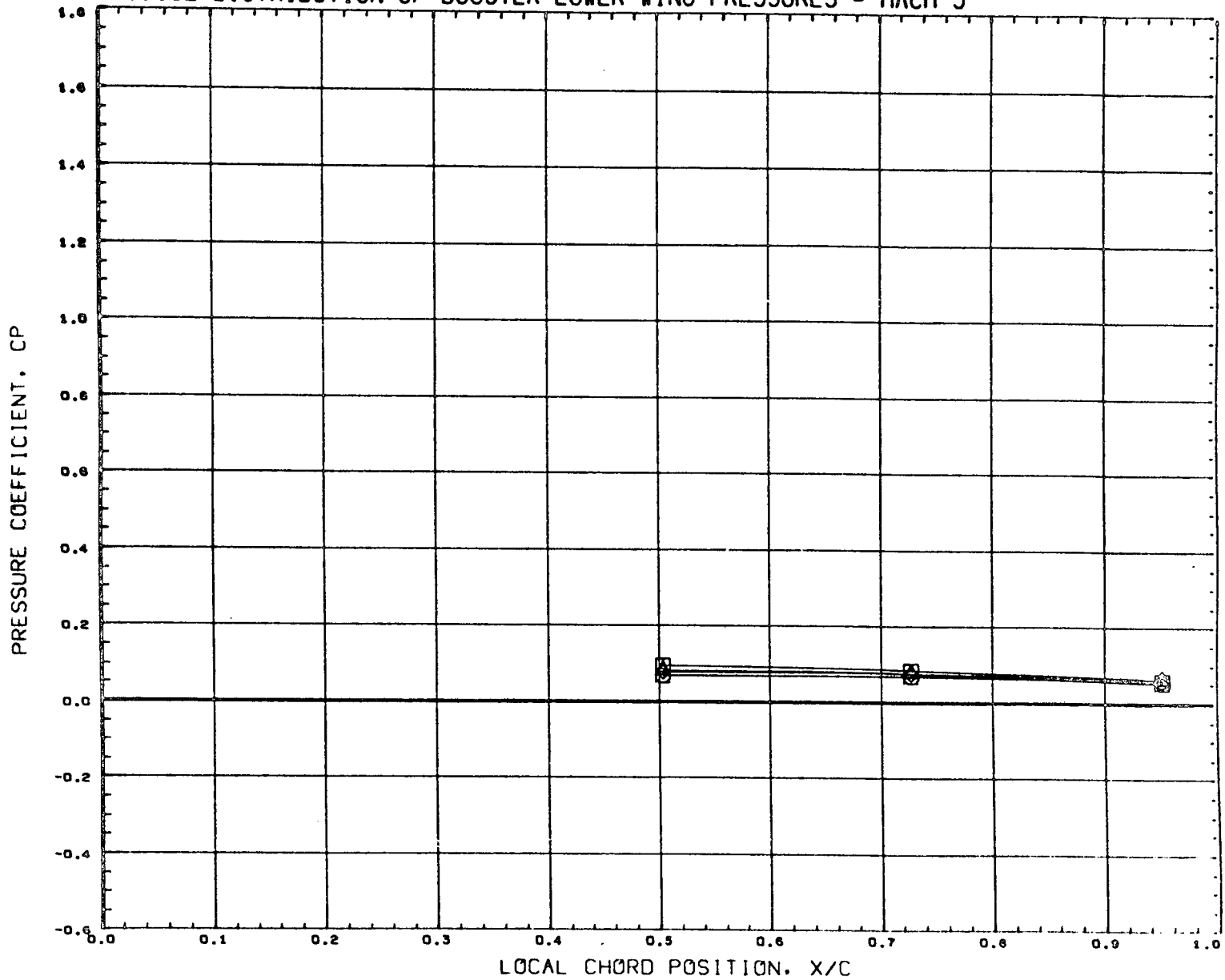
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

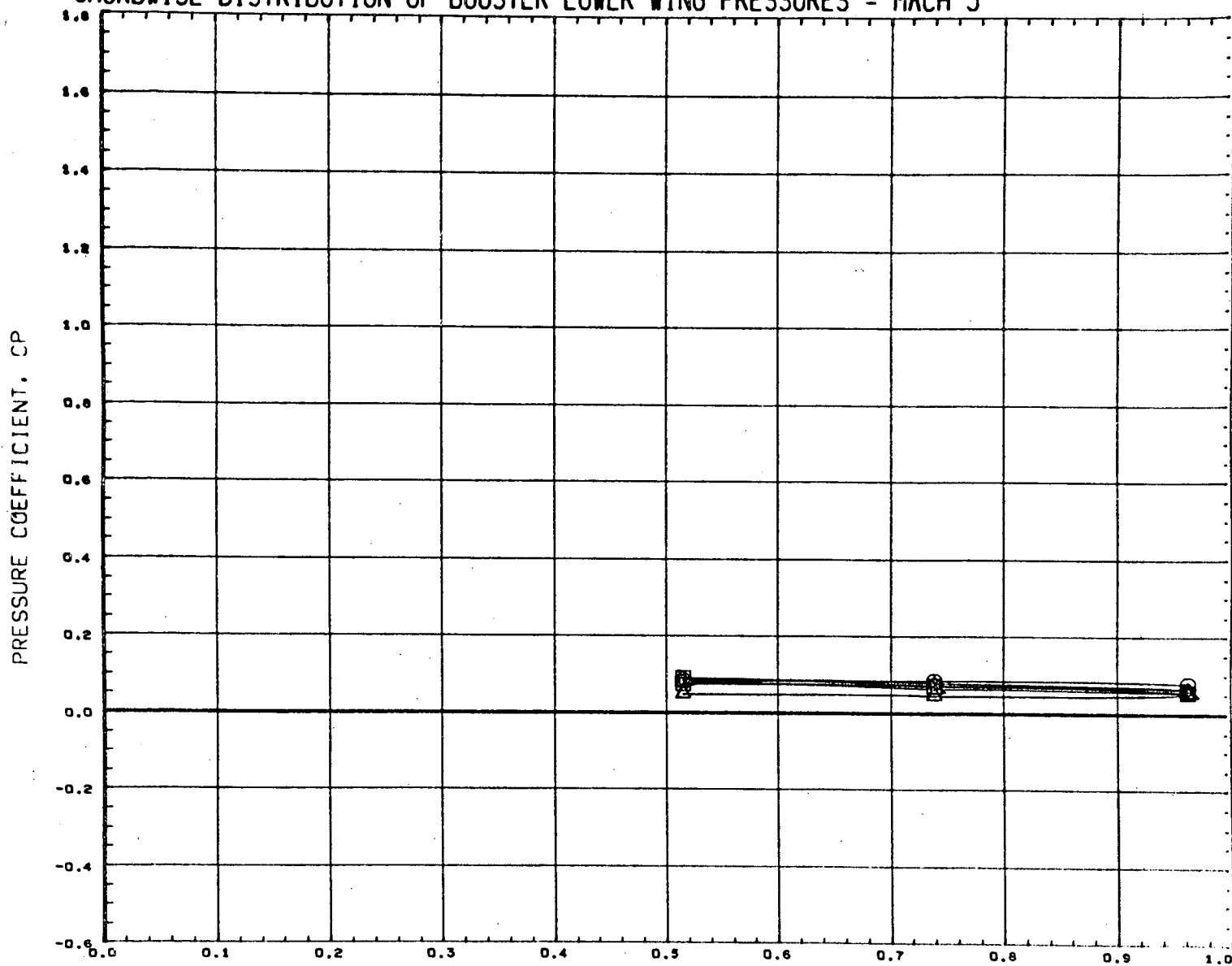
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8514•

PAGE 1148

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

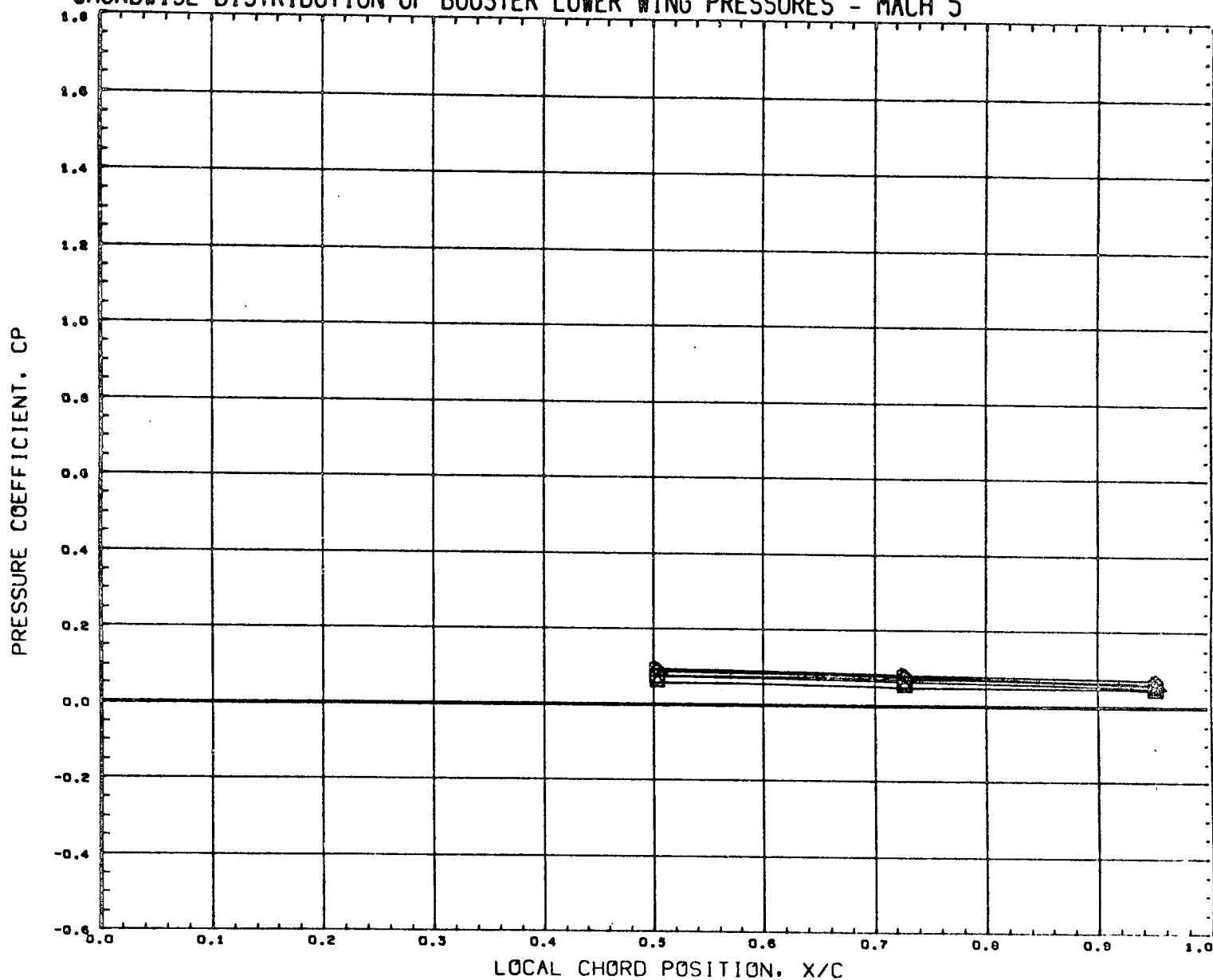


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA0	5.020
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

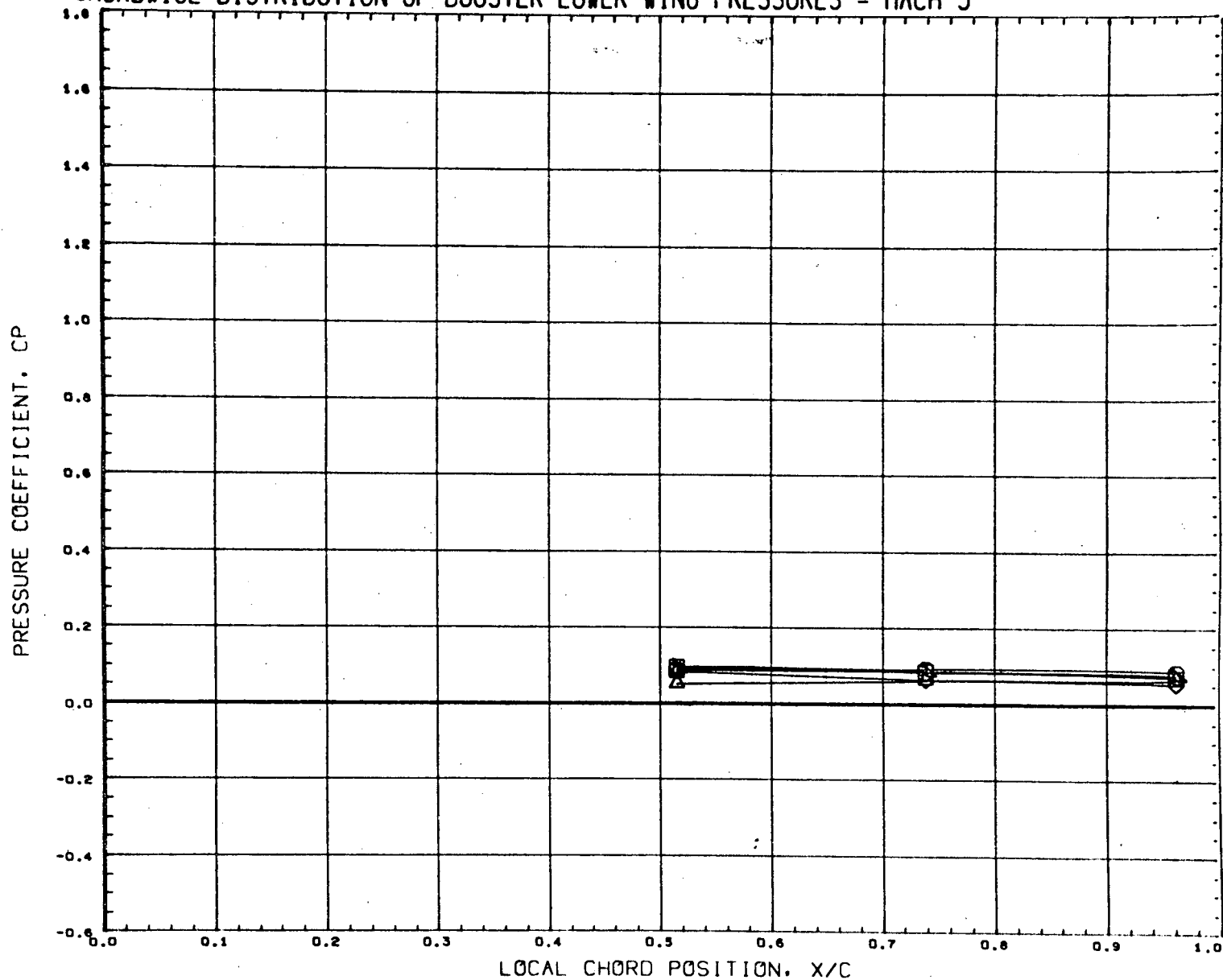


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA D	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

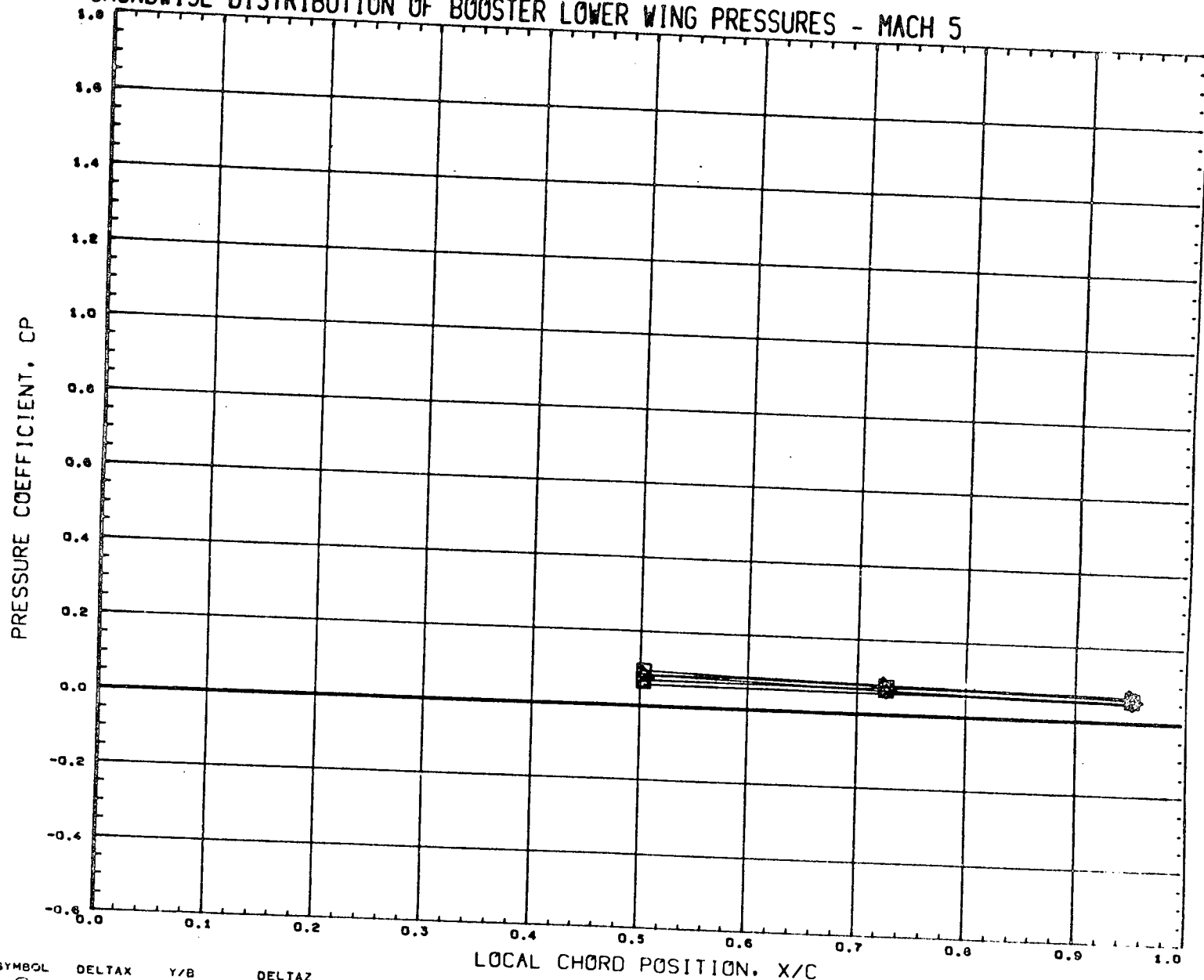


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA0	5.020
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
□	0.390	0.359	0.151
◇	0.143		
◇	0.020		
◇	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

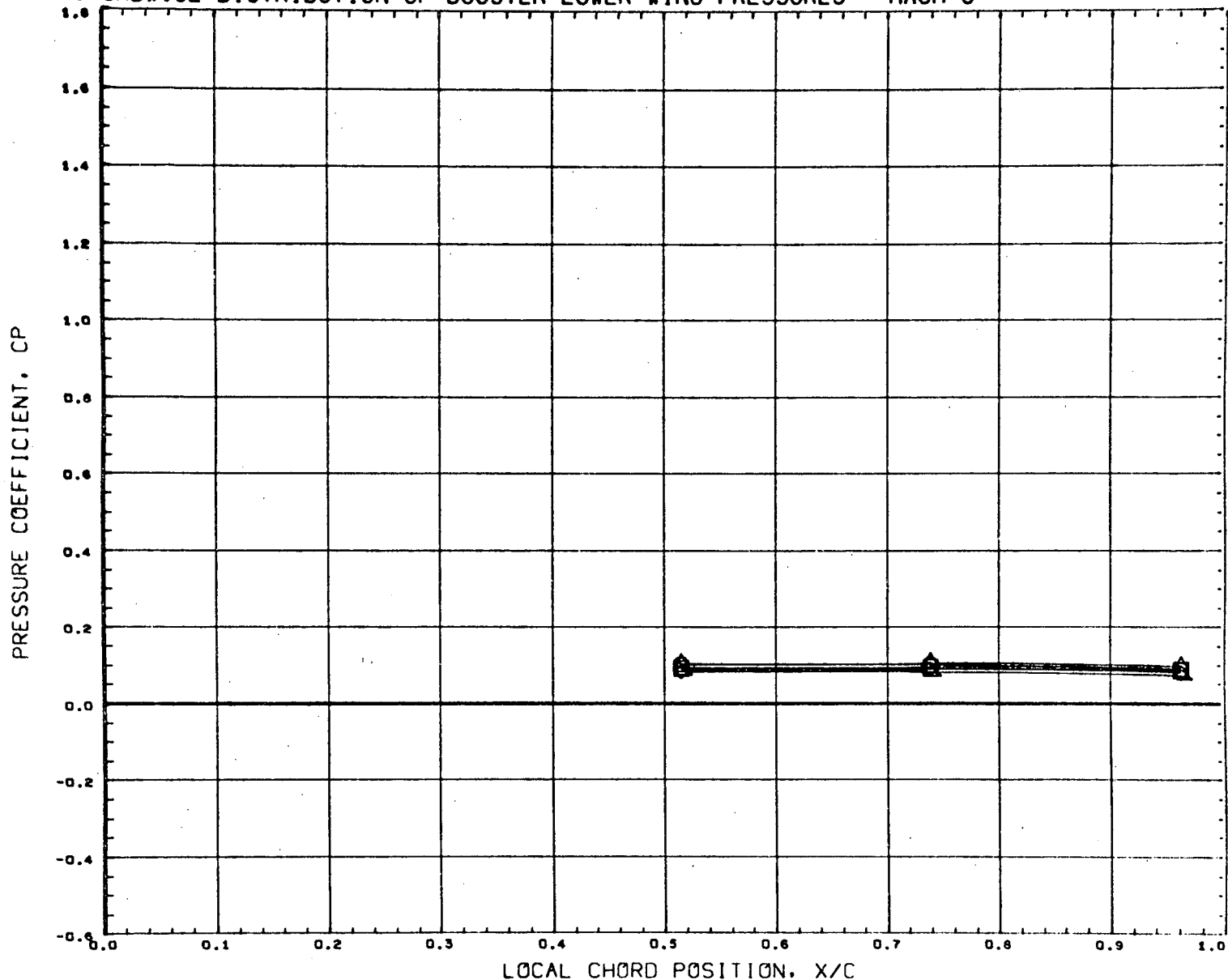
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

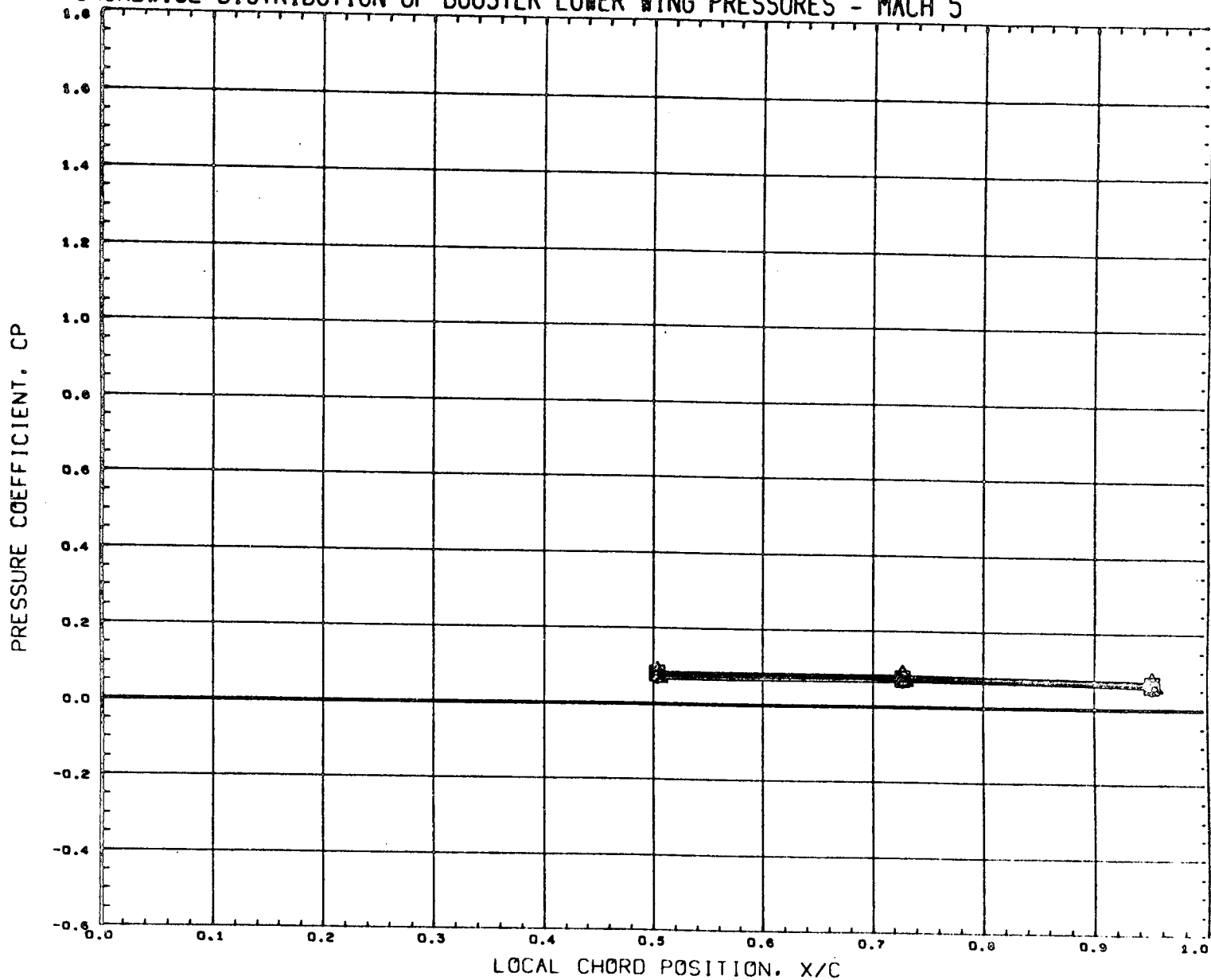


SYMBOL	DELTA X	Y/D	DELTA Z
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.359	0.228
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

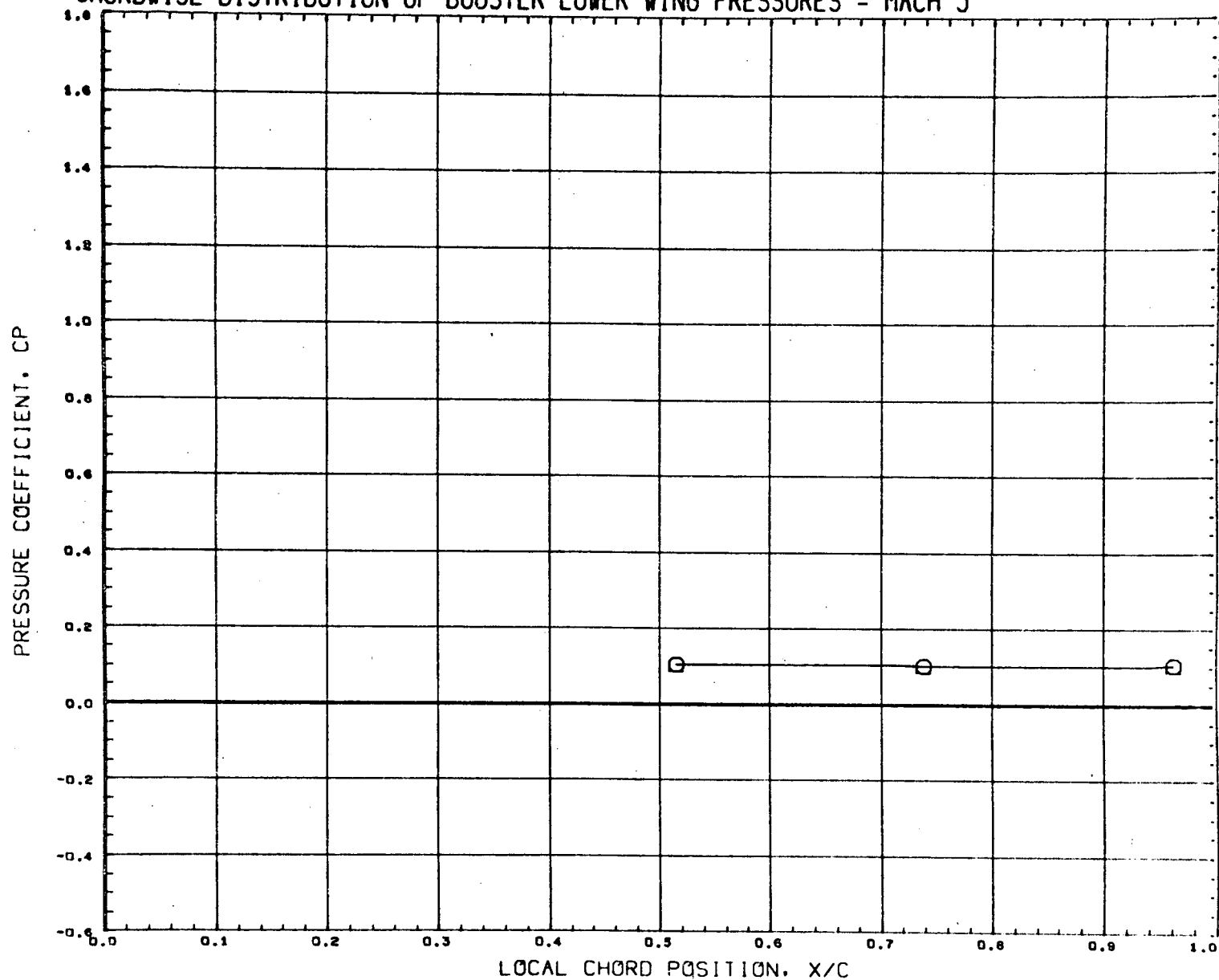
PARAMETRIC VALUES			
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MACH	4.940	ALPHA _I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \square DELTAX 0.520 Y/B 0.221 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.020
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

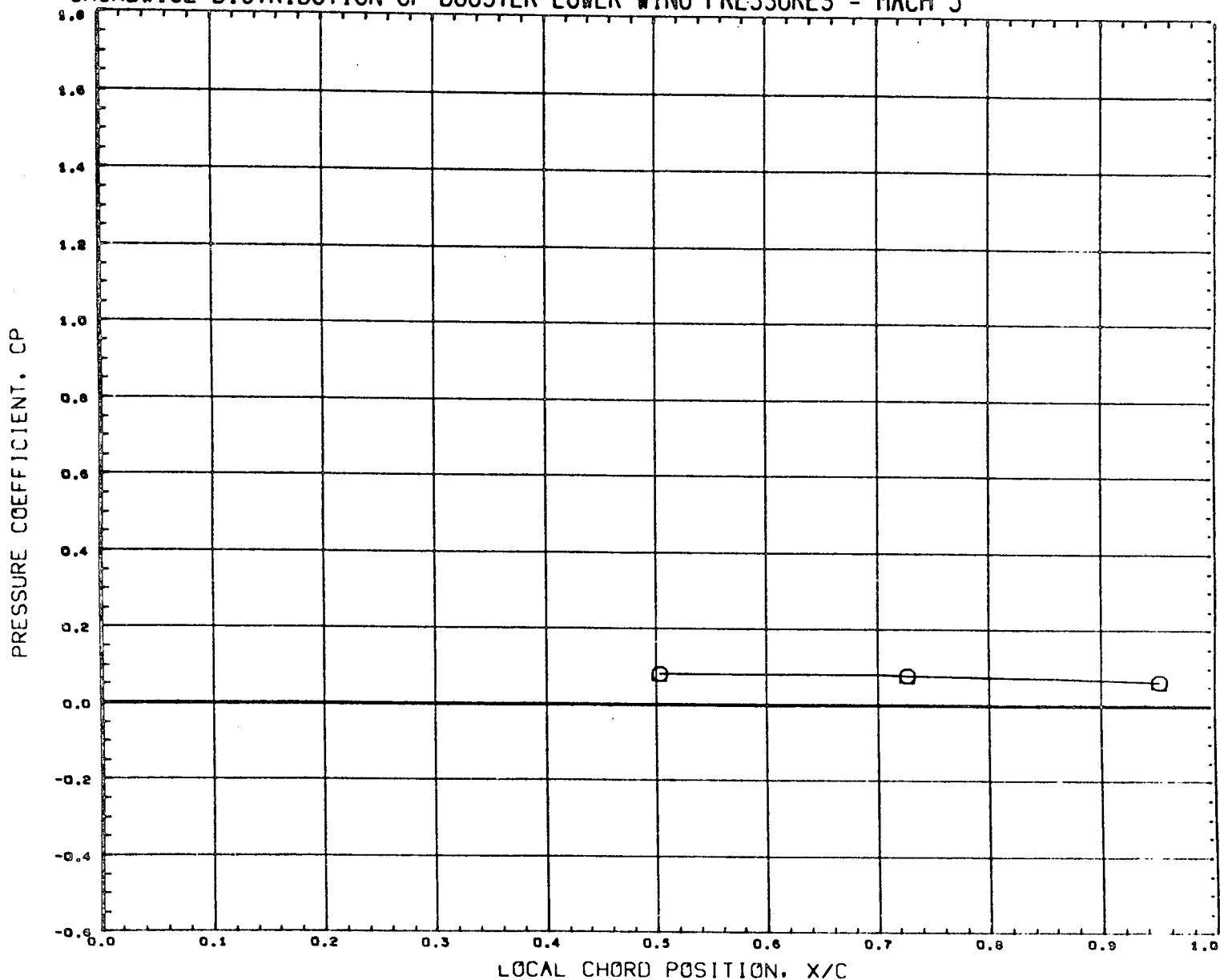
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8514•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \square DELTAX 0.520 Y/B 0.359 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.020
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

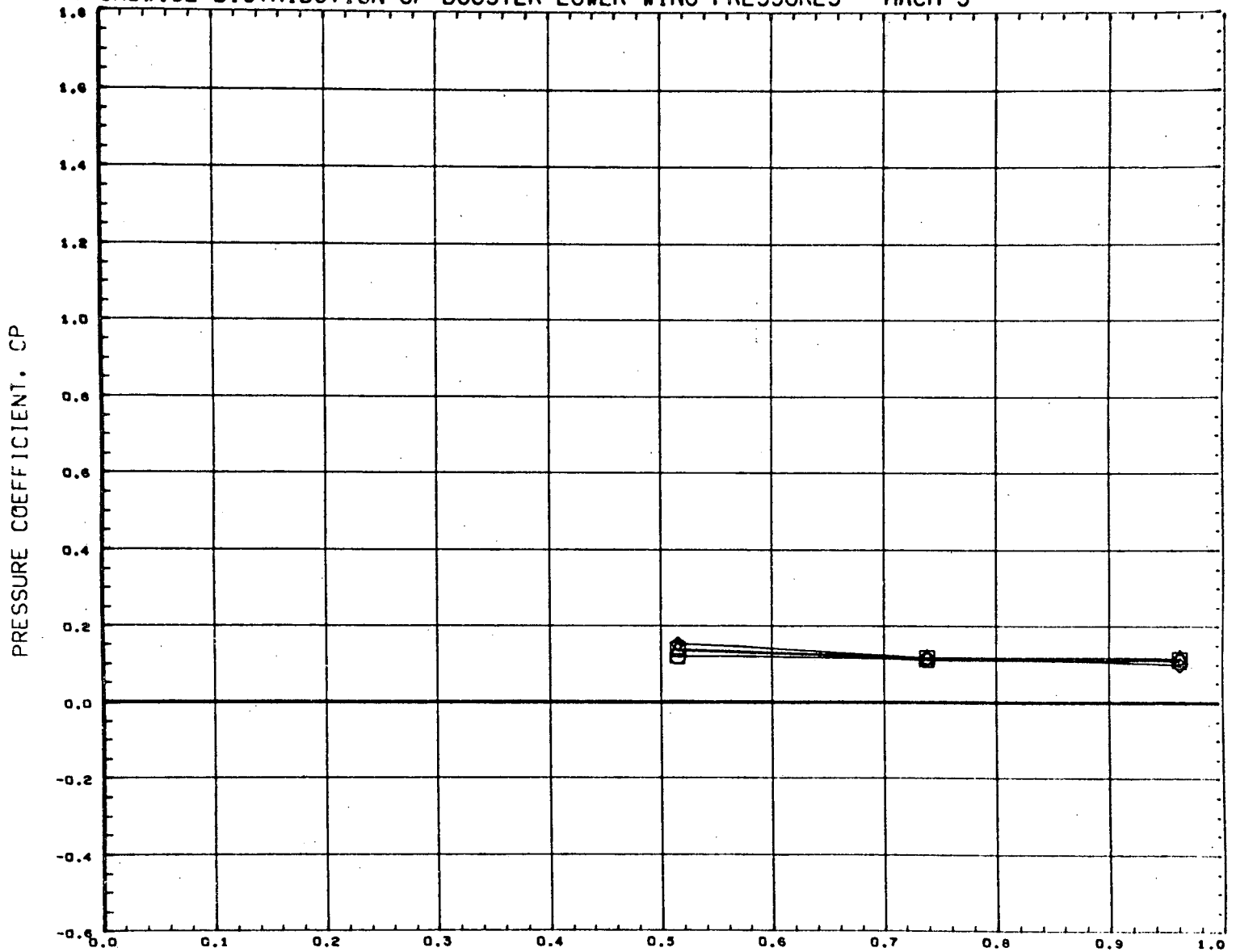
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8514•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

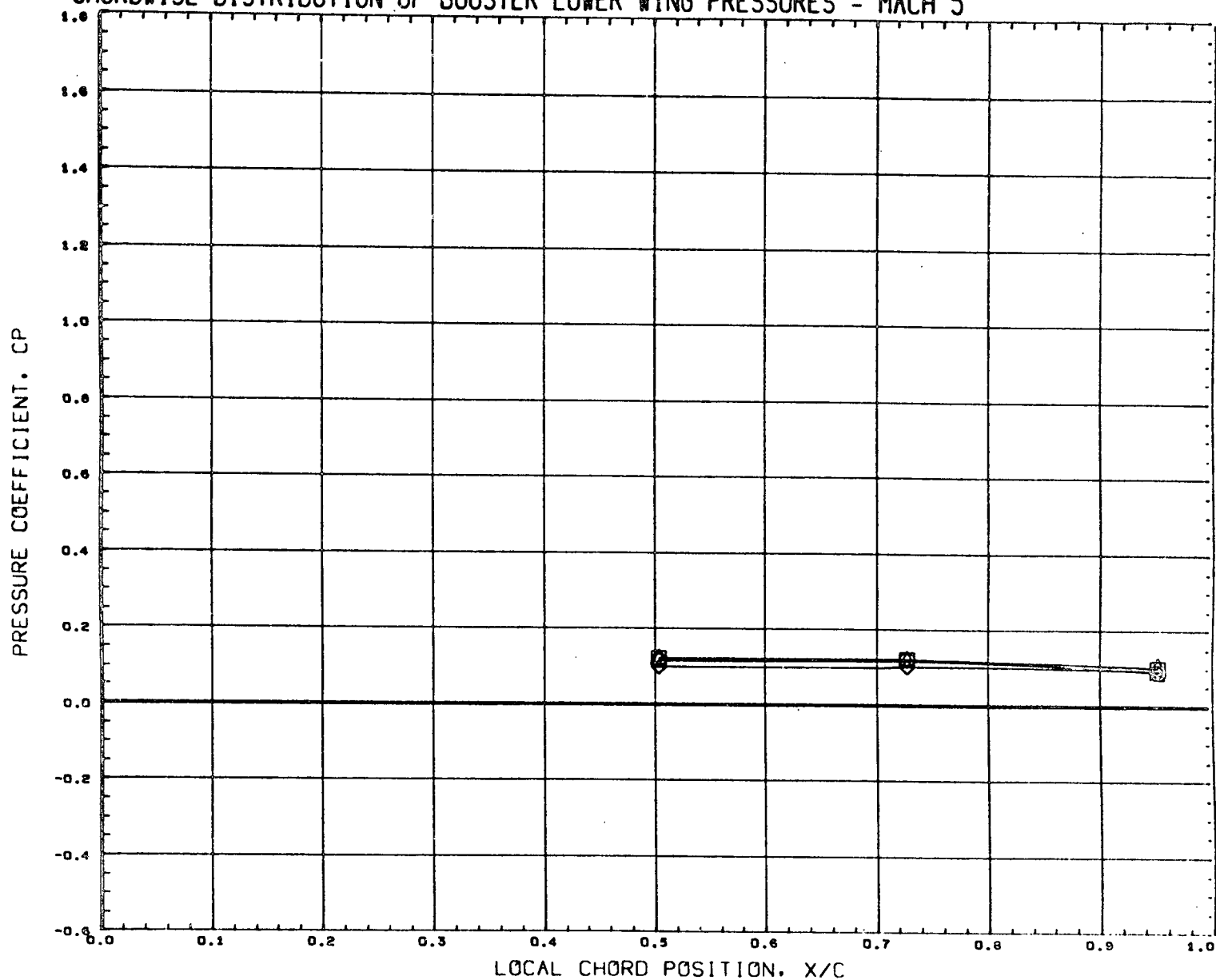
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8515•

PAGE 1157

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.003
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

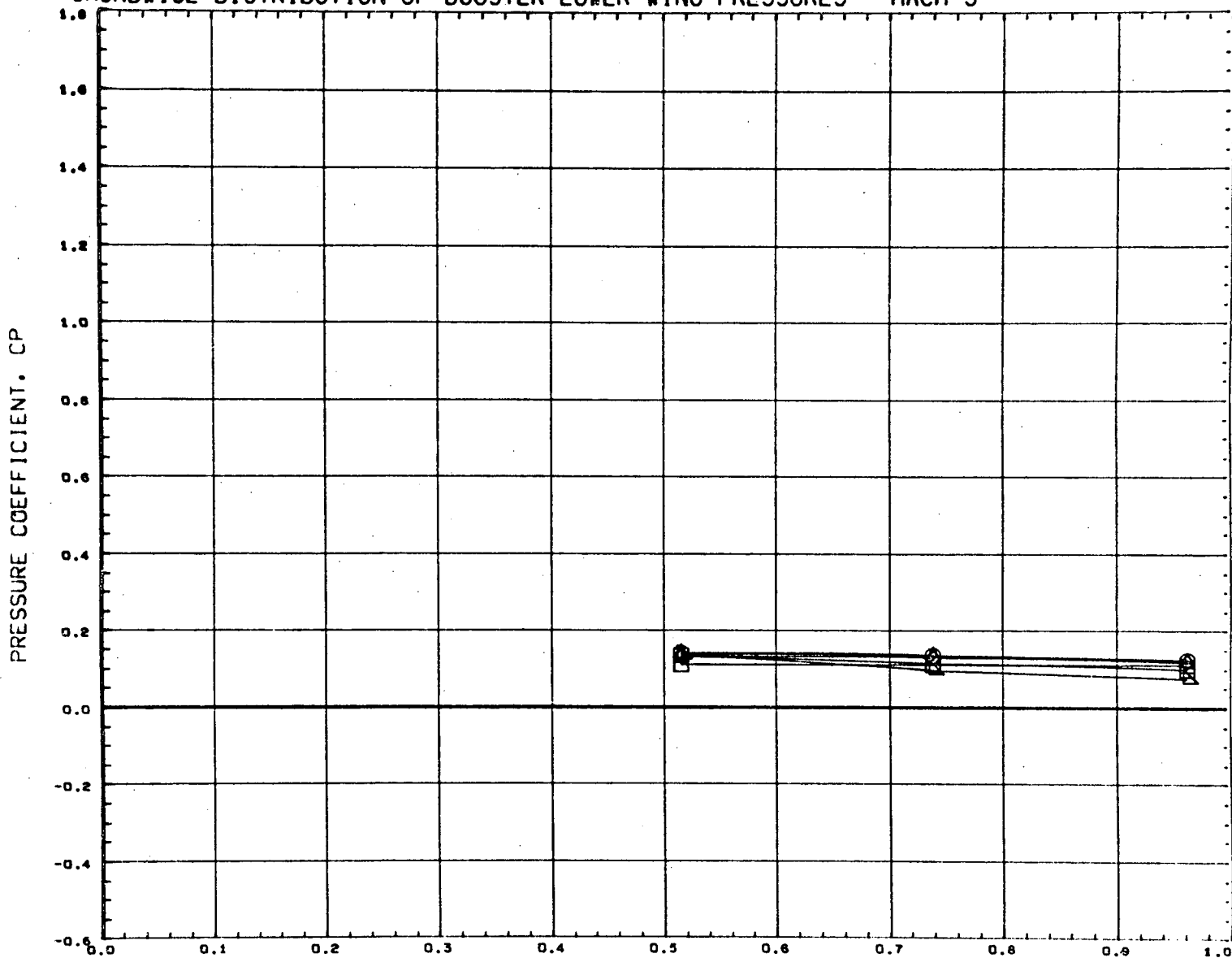
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8515•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

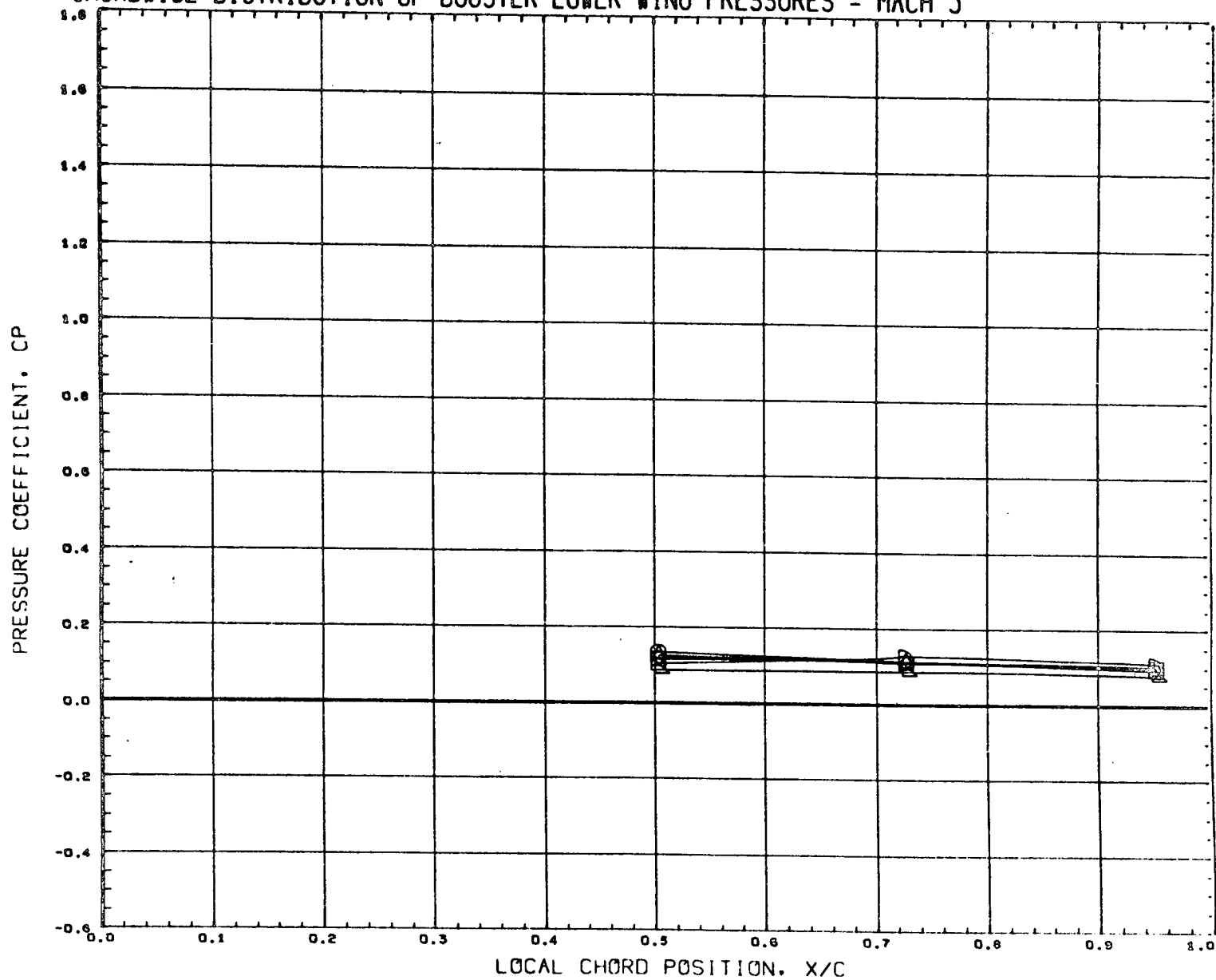


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.221	0.120
△	0.143		
◇	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

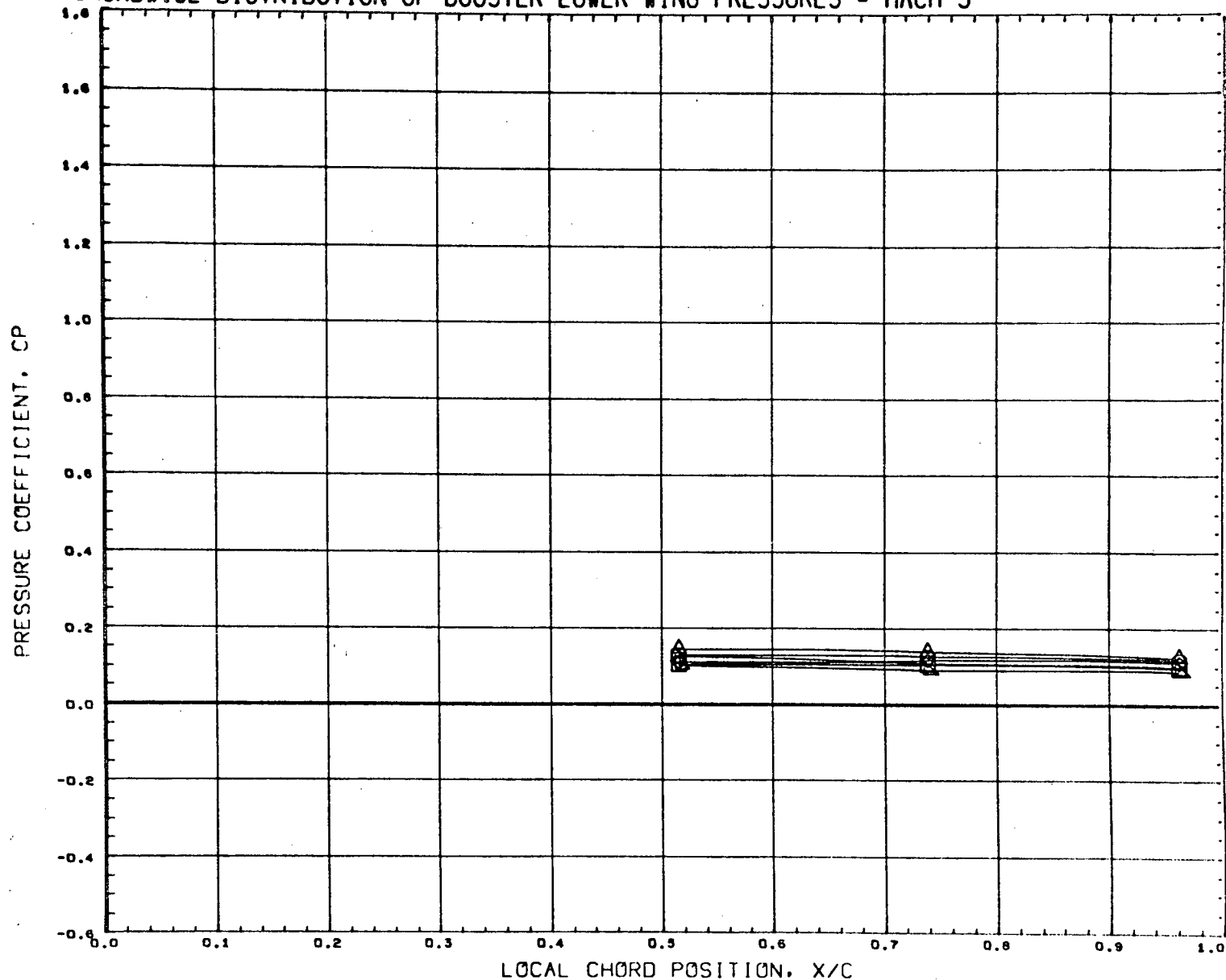


SYMBOL	DELTAX	Y/B	DELTAZ
○	0.390	0.359	0.120
△	0.143		
◇	0.020		
□	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

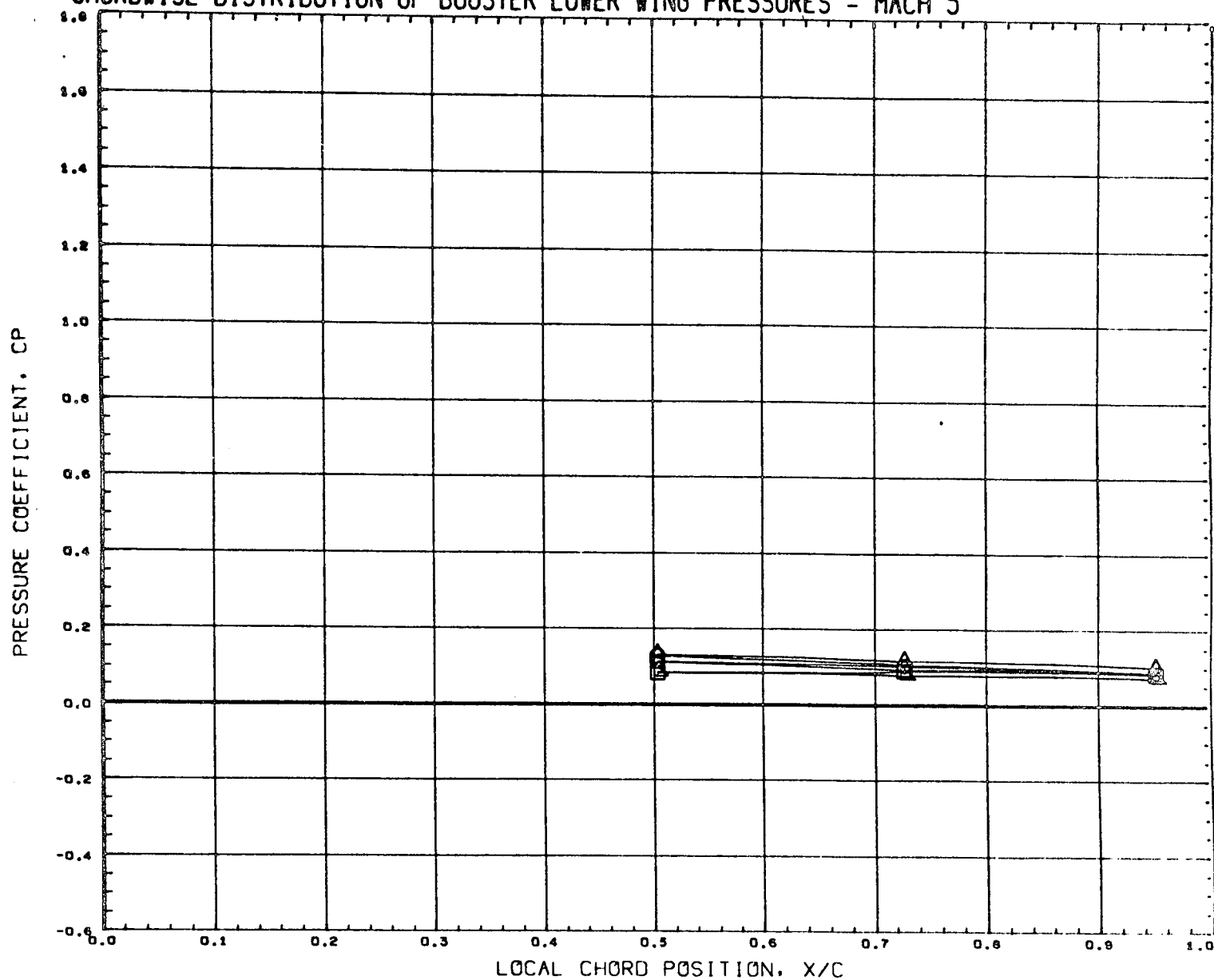


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
◻	0.103		
◼	0.227		
◽	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
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MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

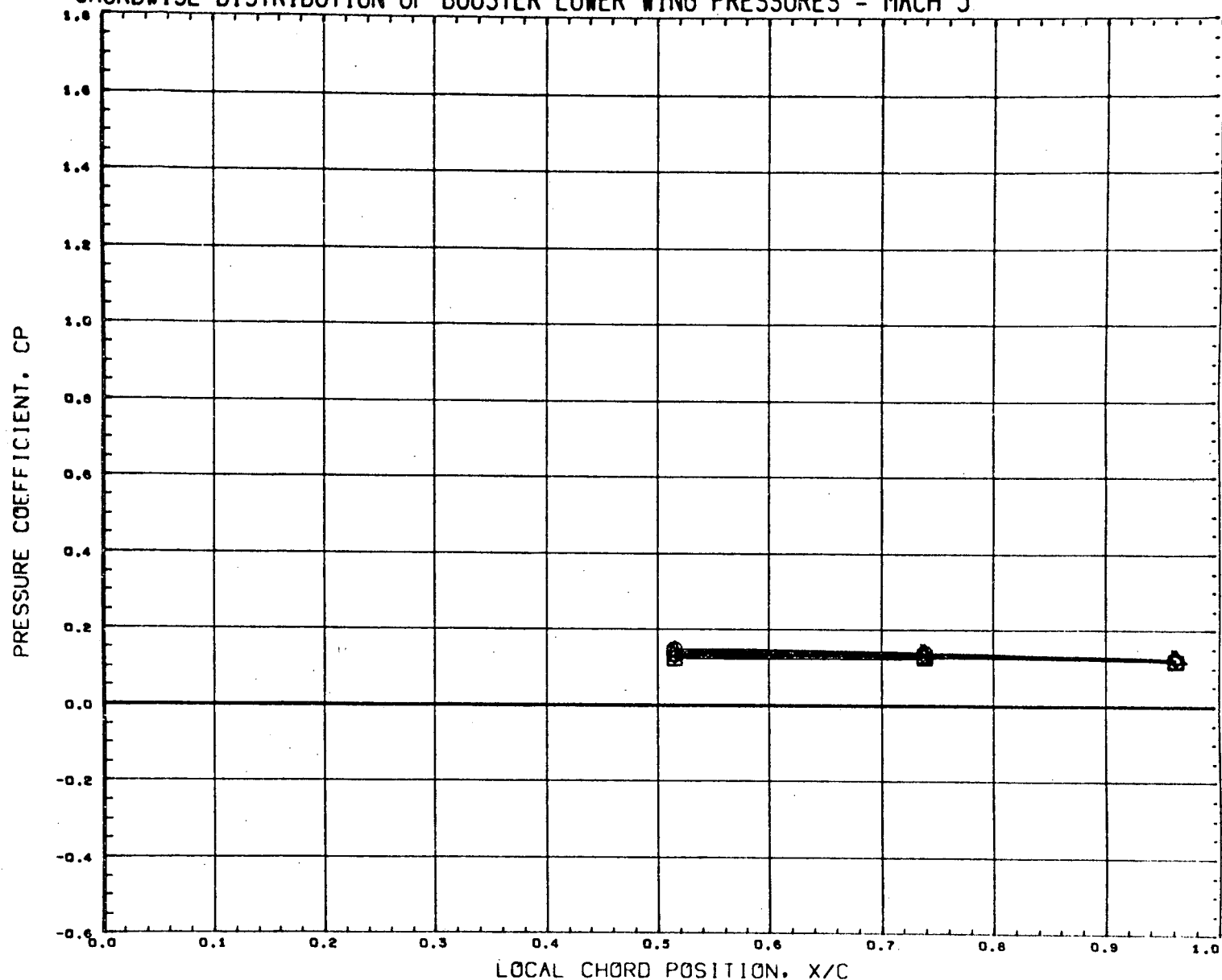
CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
△	- 0.390	0.359	0.151
◇	- 0.143		
□	- 0.020		
▤	0.103		
▥	0.227		
▦	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA T	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

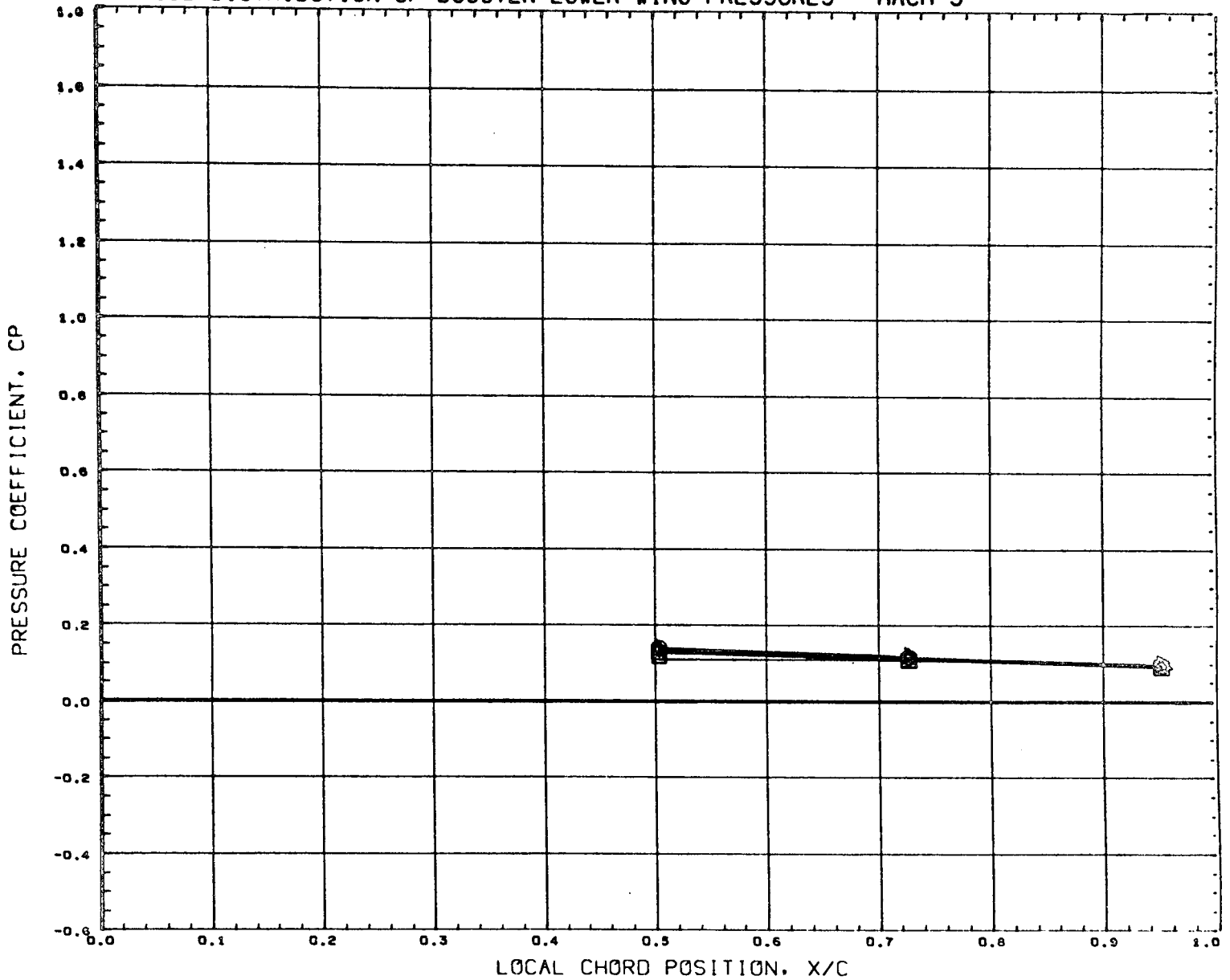


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.221	0.228
△	0.143		
◇	0.020		
◻	0.103		
◼	0.227		
◽	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

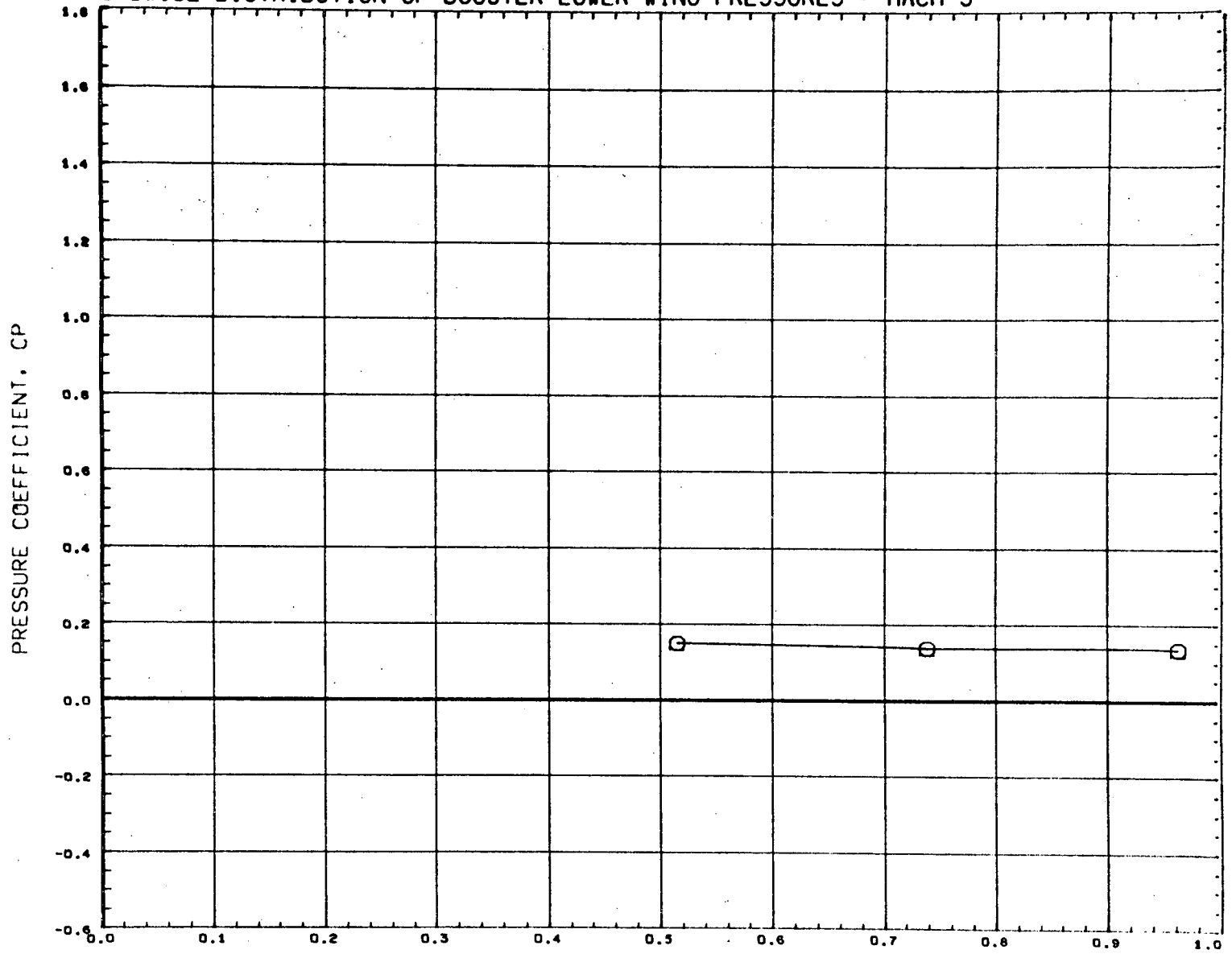


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.359	0.228
-	0.143		
-	0.020		
-	0.103		
-	0.227		
-	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

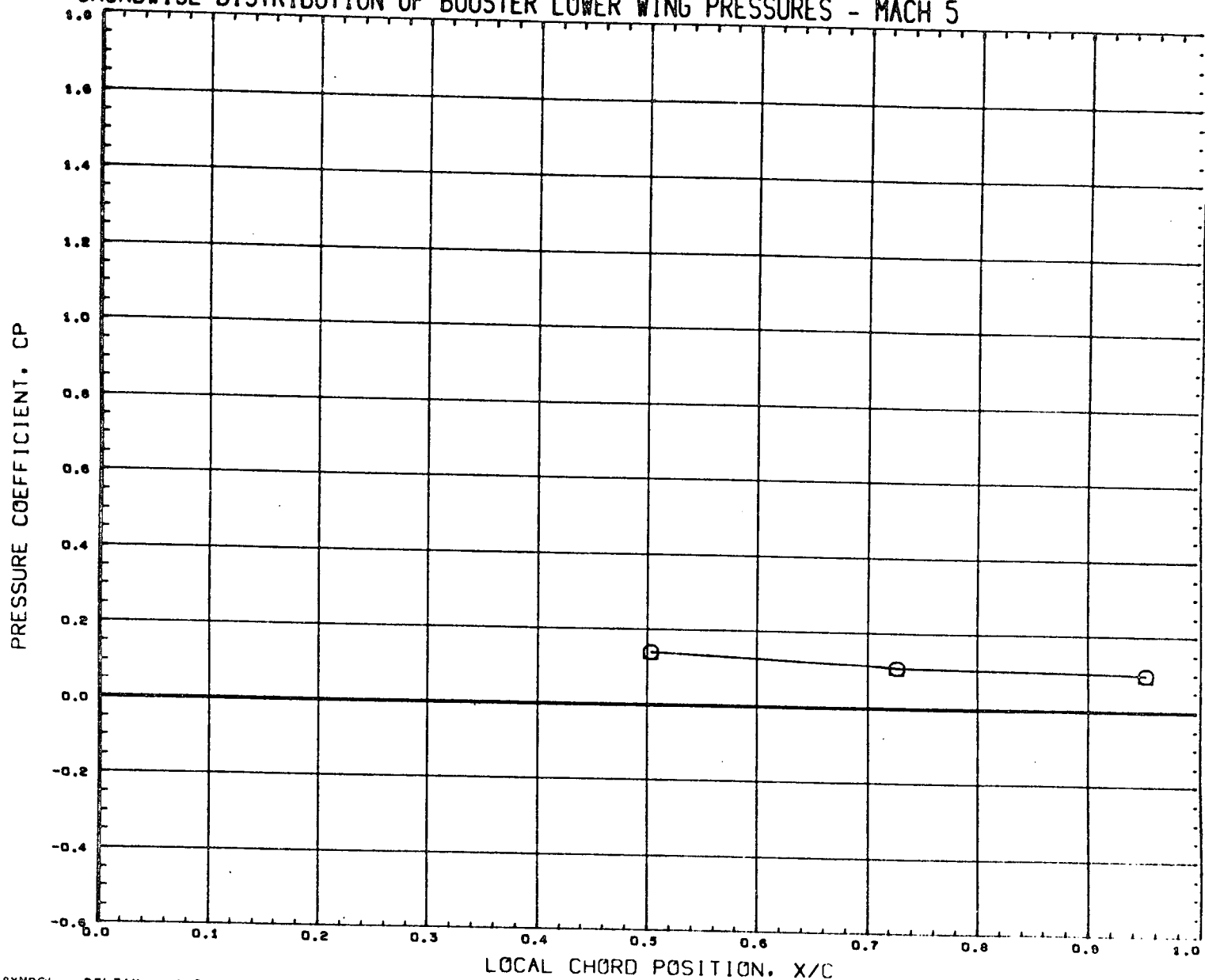
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \square DELTAX 0.520 Y/B 0.359 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAD 10.063
 MACH 4.940 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

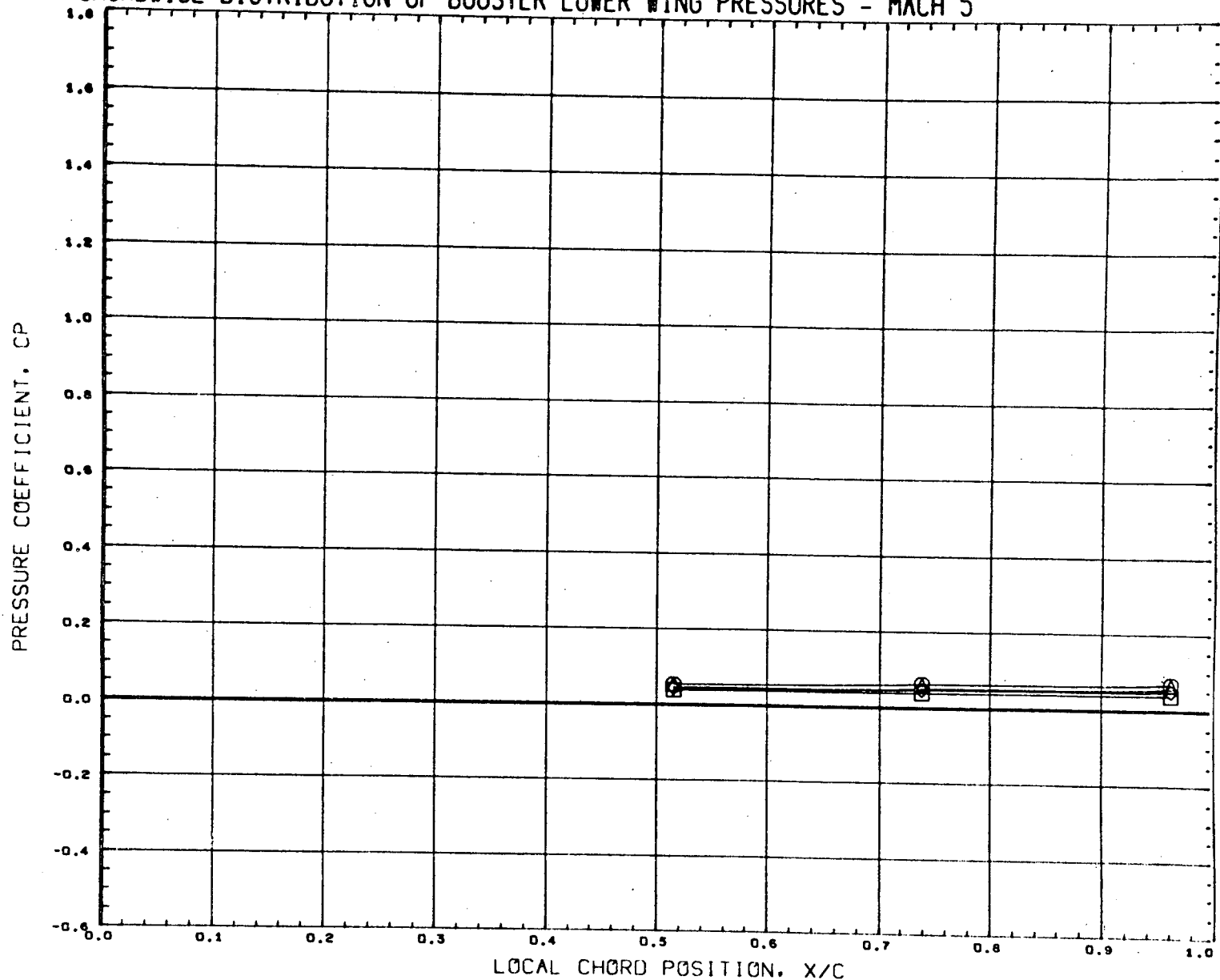
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8515•

PAGE 1166

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA2	- 9.932
MACH	4.940	ALPHA1	0.000
ORBPOW	50.000	BSTPOW	100.000

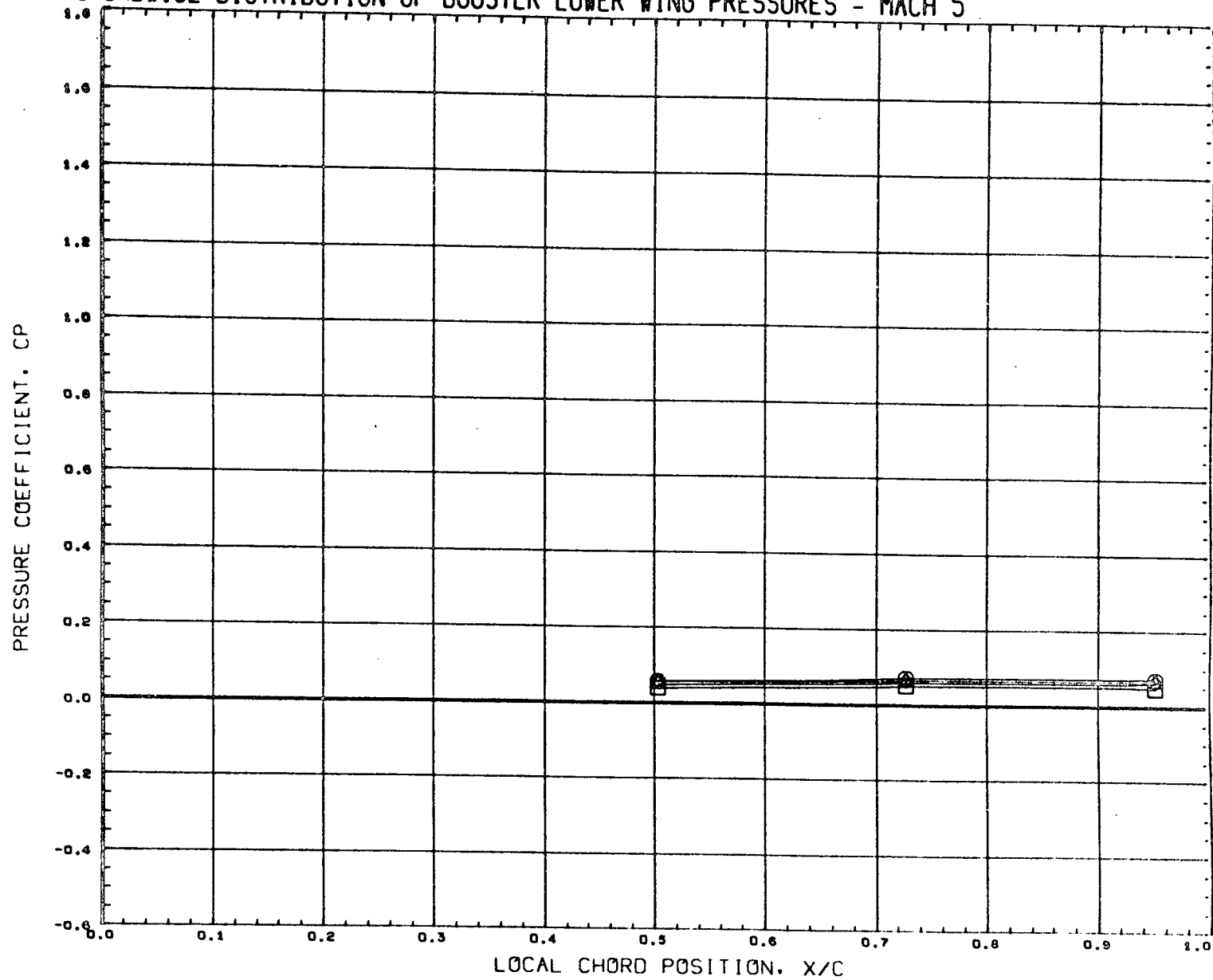
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8521•

PAGE 1167

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

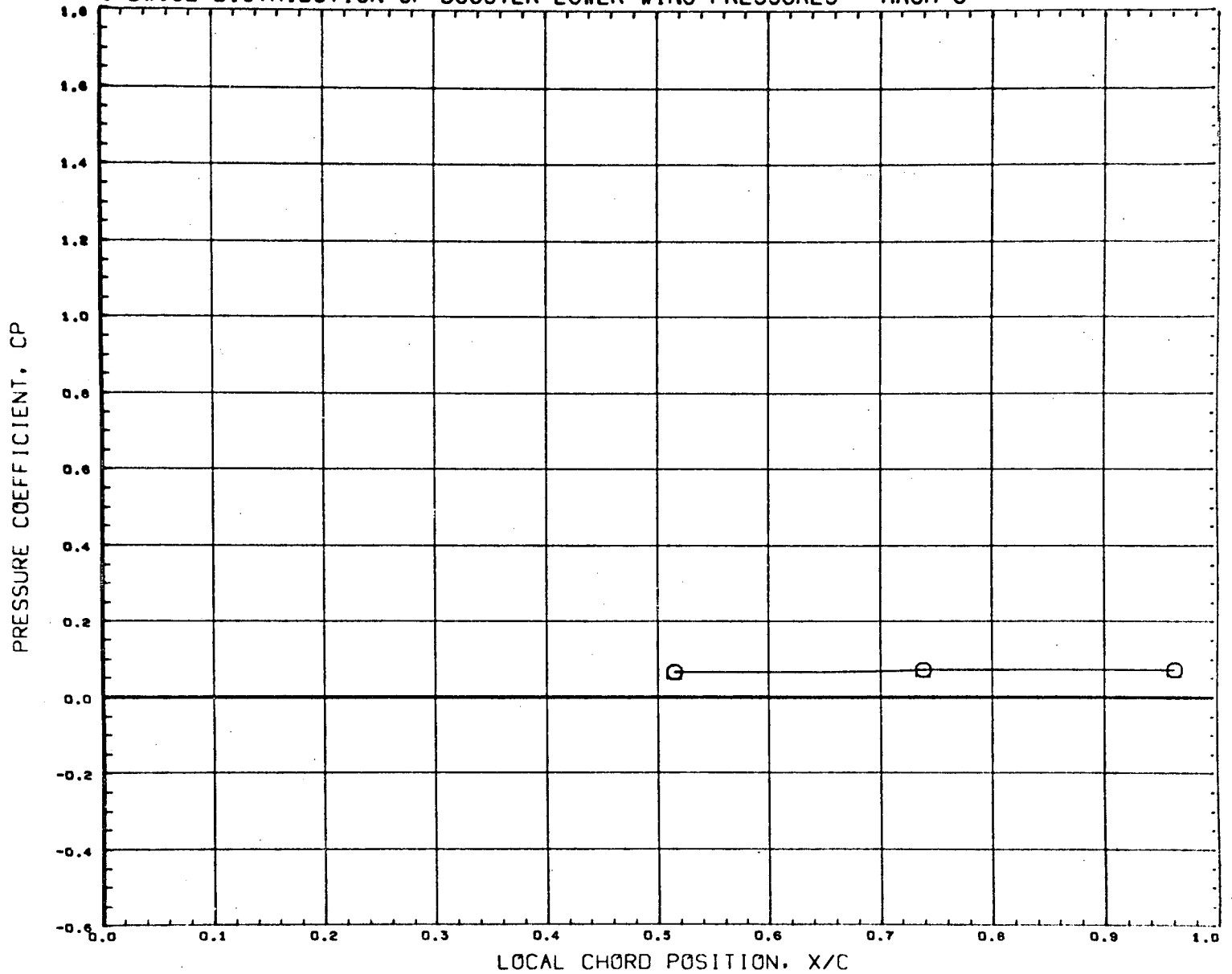
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8521•

PAGE 1168

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.932
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

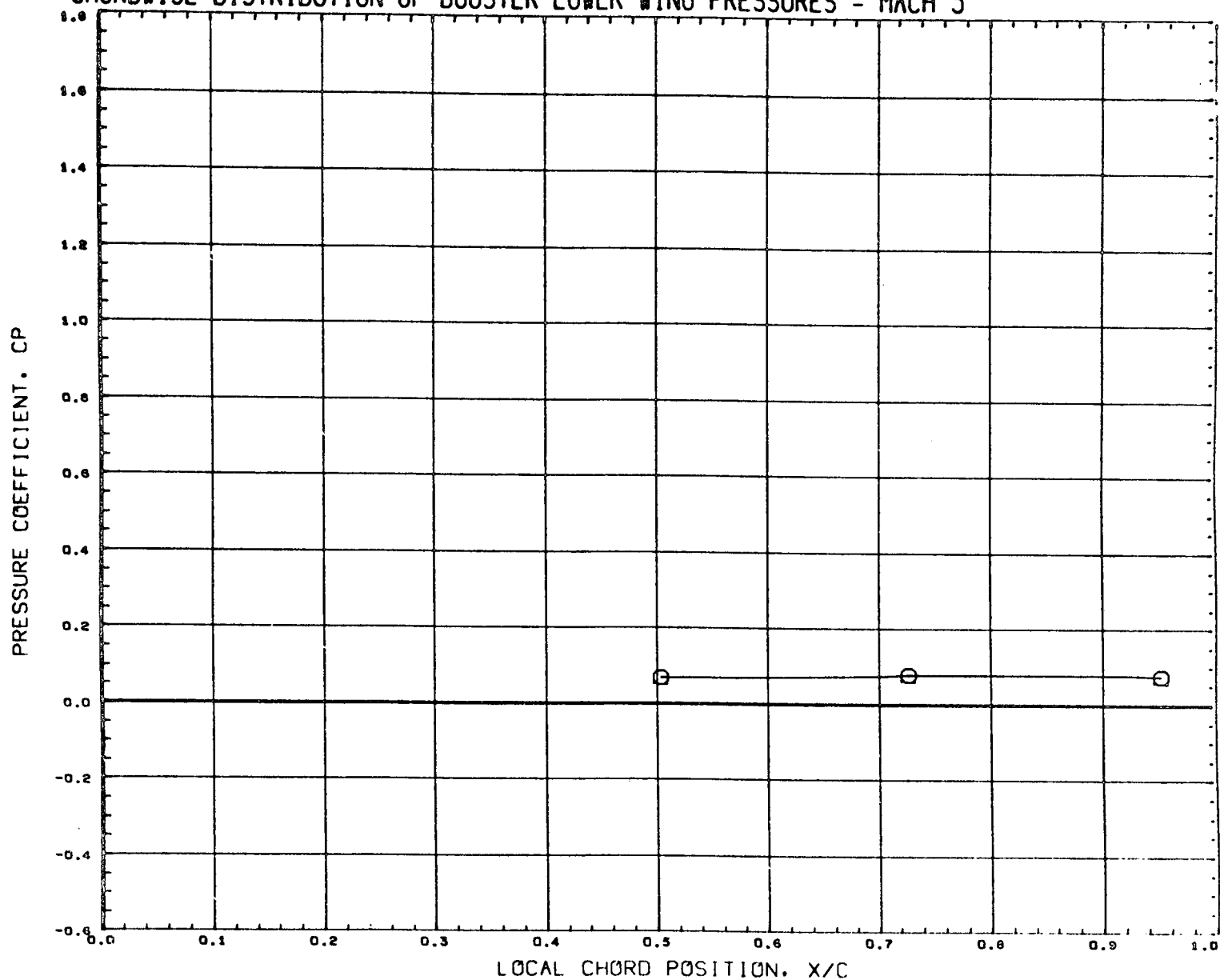
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8521•

PAGE 1169

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAD - 9.932
 MACH 4.940 ALPHA1 0.000
 ORBPOW 50.000 BSTPOW 100.000

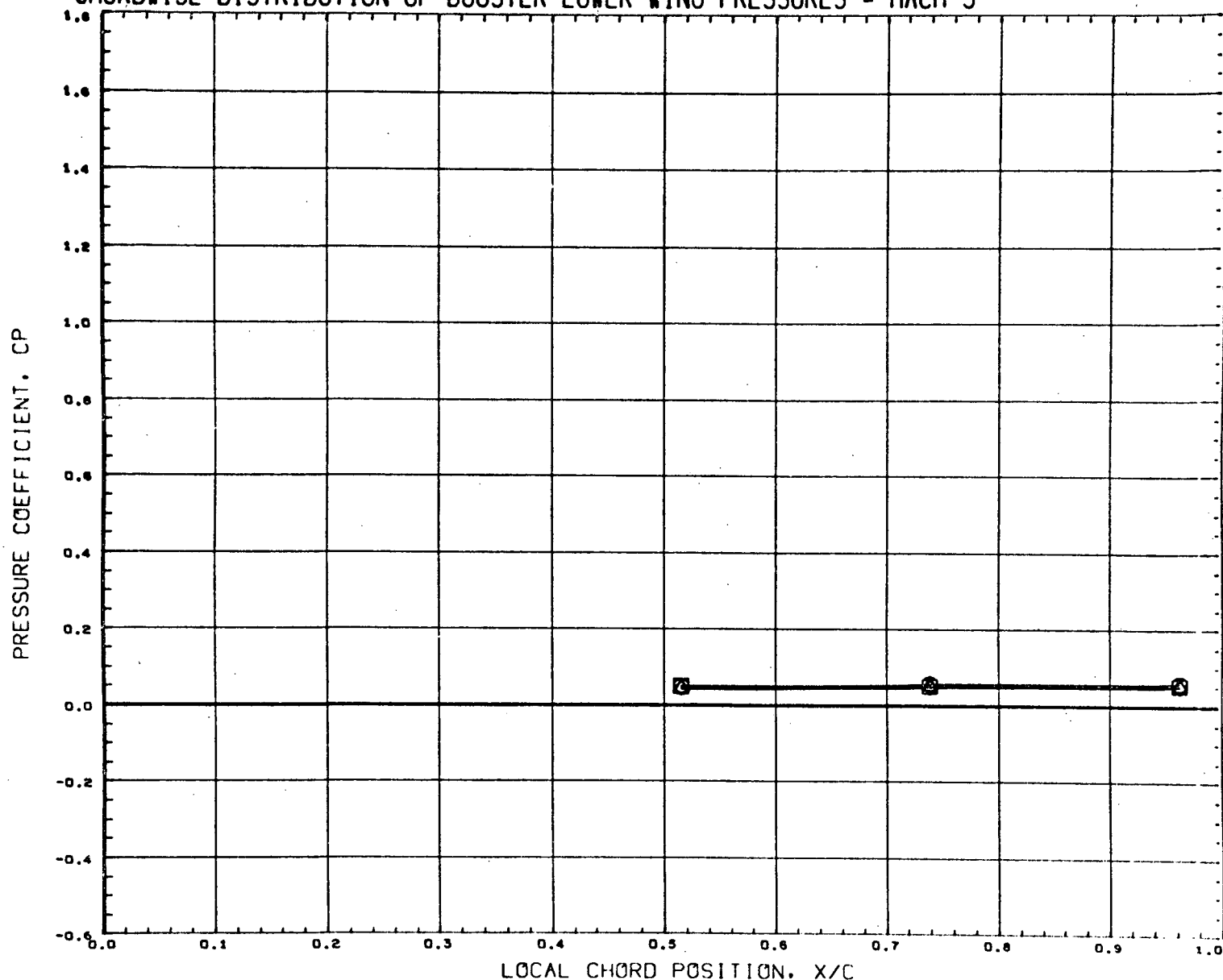
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8521•

PAGE 1170

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	- 4.908
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

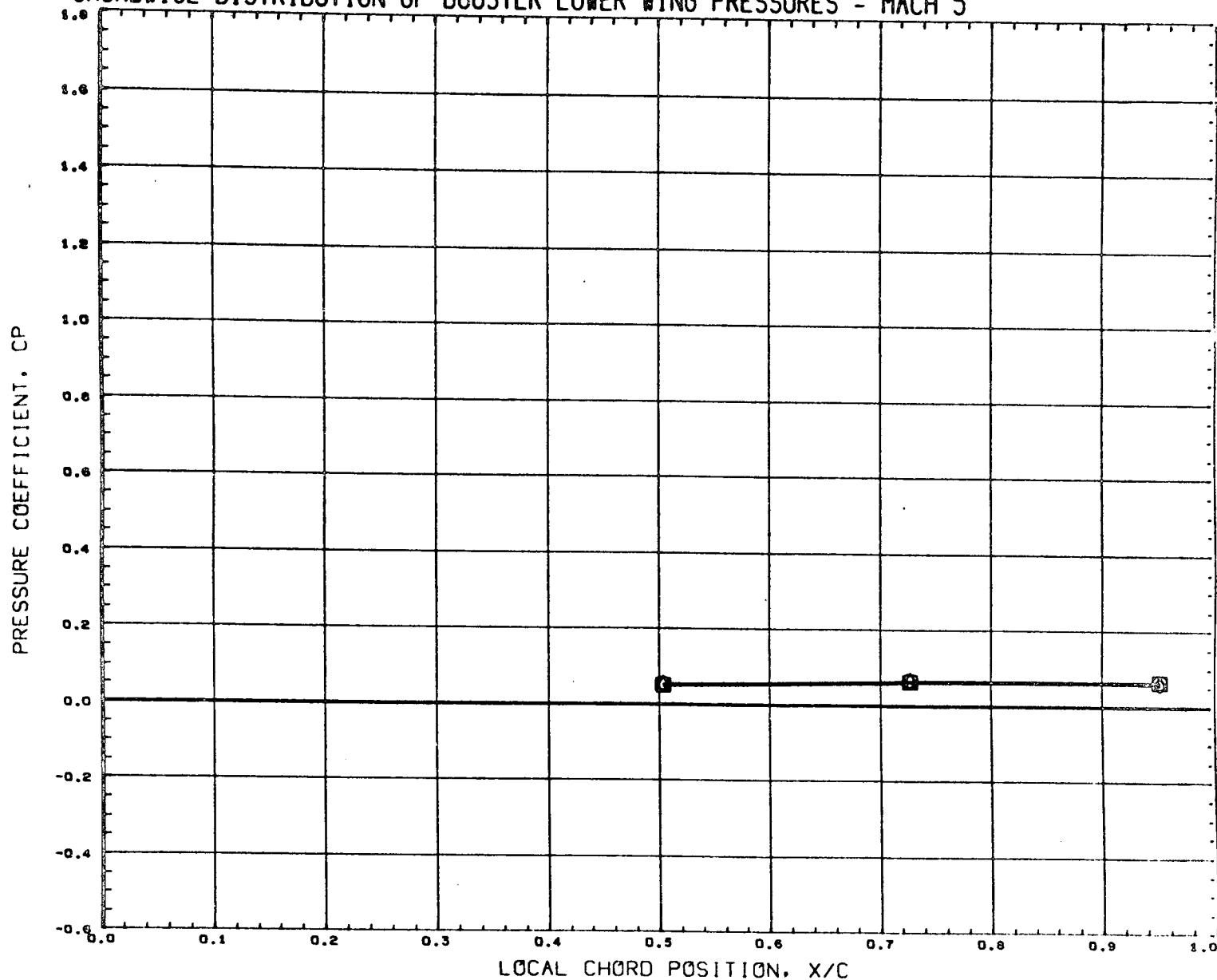
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8522•

PAGE 1171

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.908
MACH	4.940	ALPHA T	0.000
ORBPOW	50.000	BSTPOW	100.000

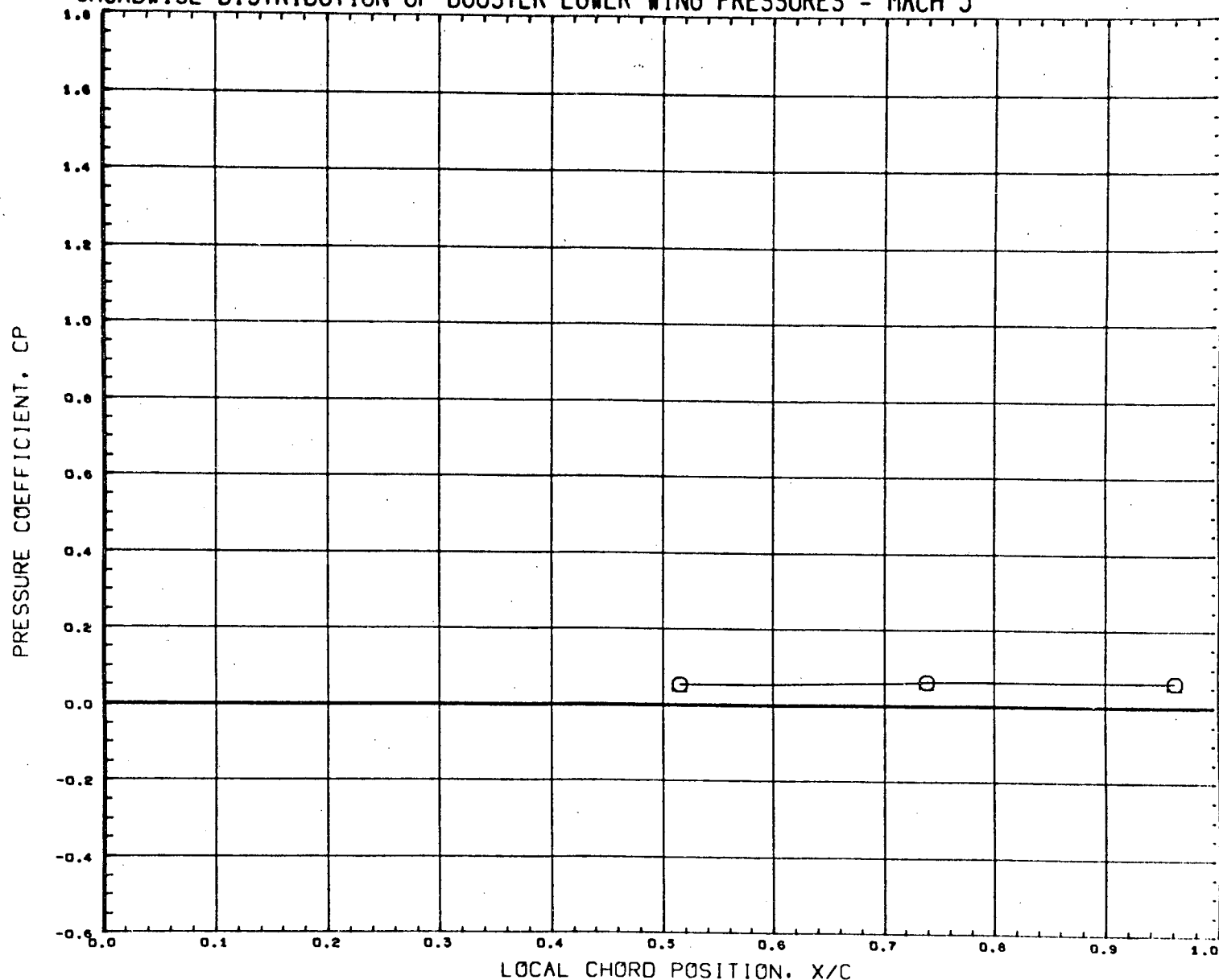
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8522•

PAGE 1172

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.908
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

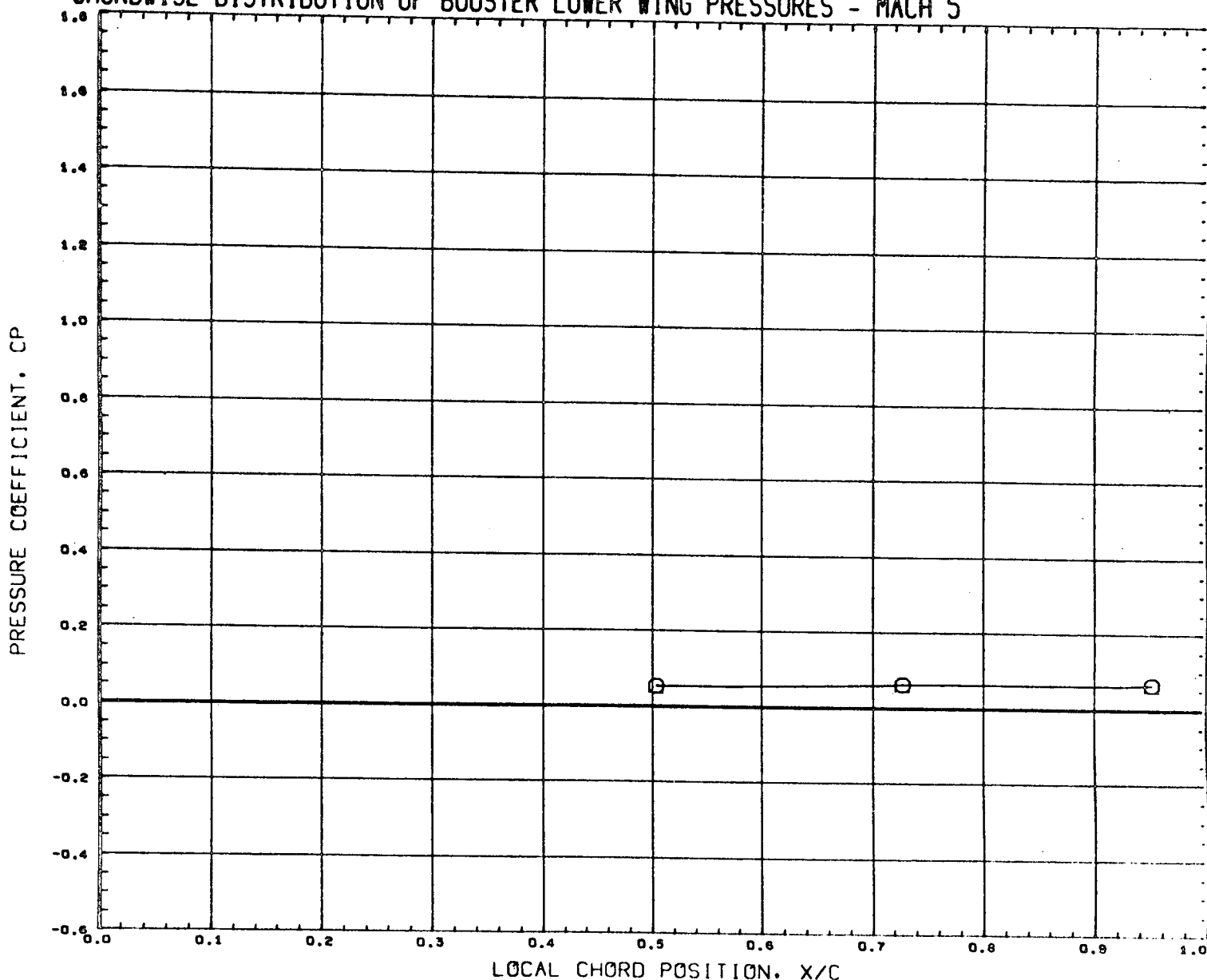
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8522•

PAGE 1173

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.908
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

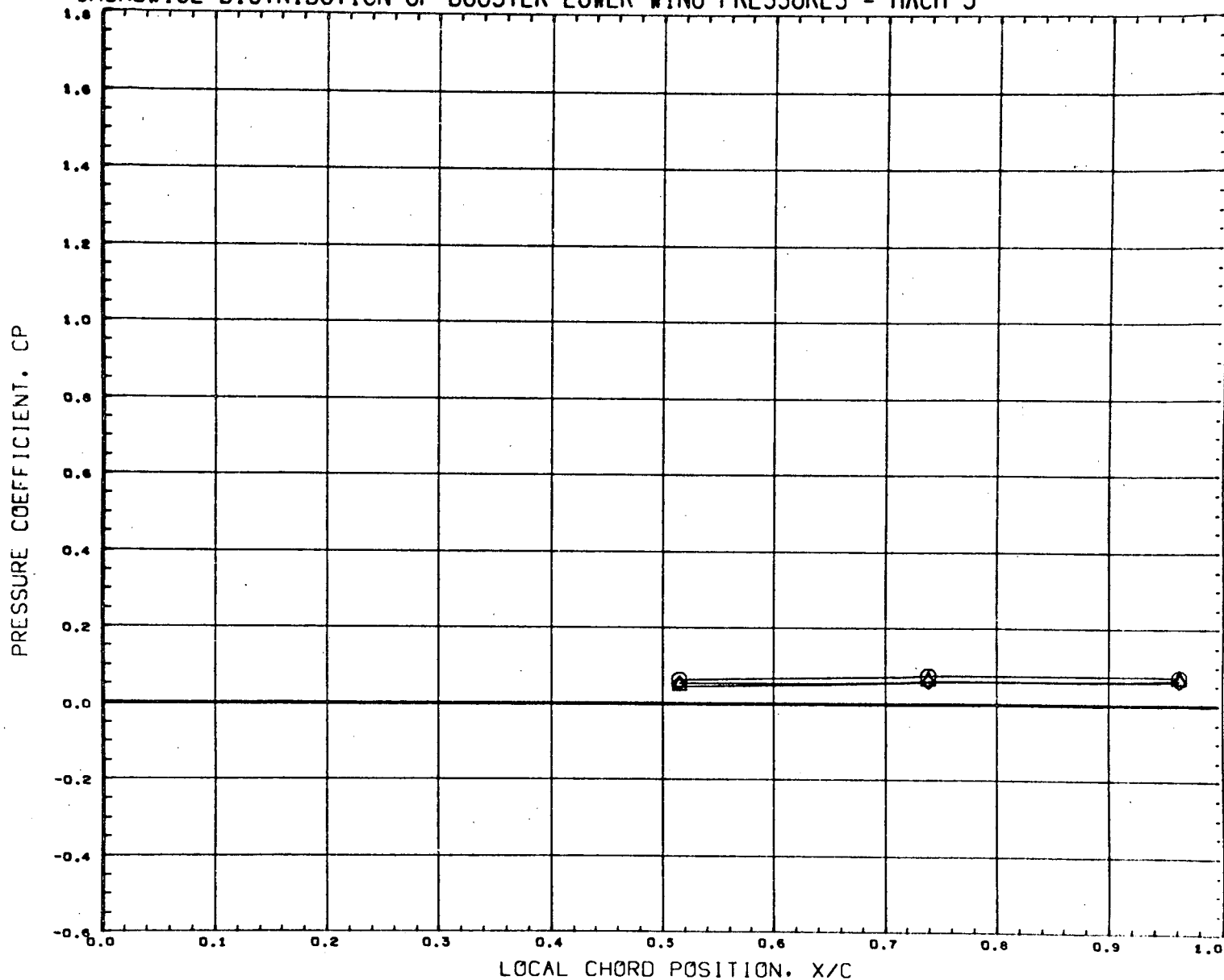
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8522•

PAGE 1174

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA2	0.037
MACH	4.940	ALPHA1	0.000
ORBPOW	50.000	BSTPOW	100.000

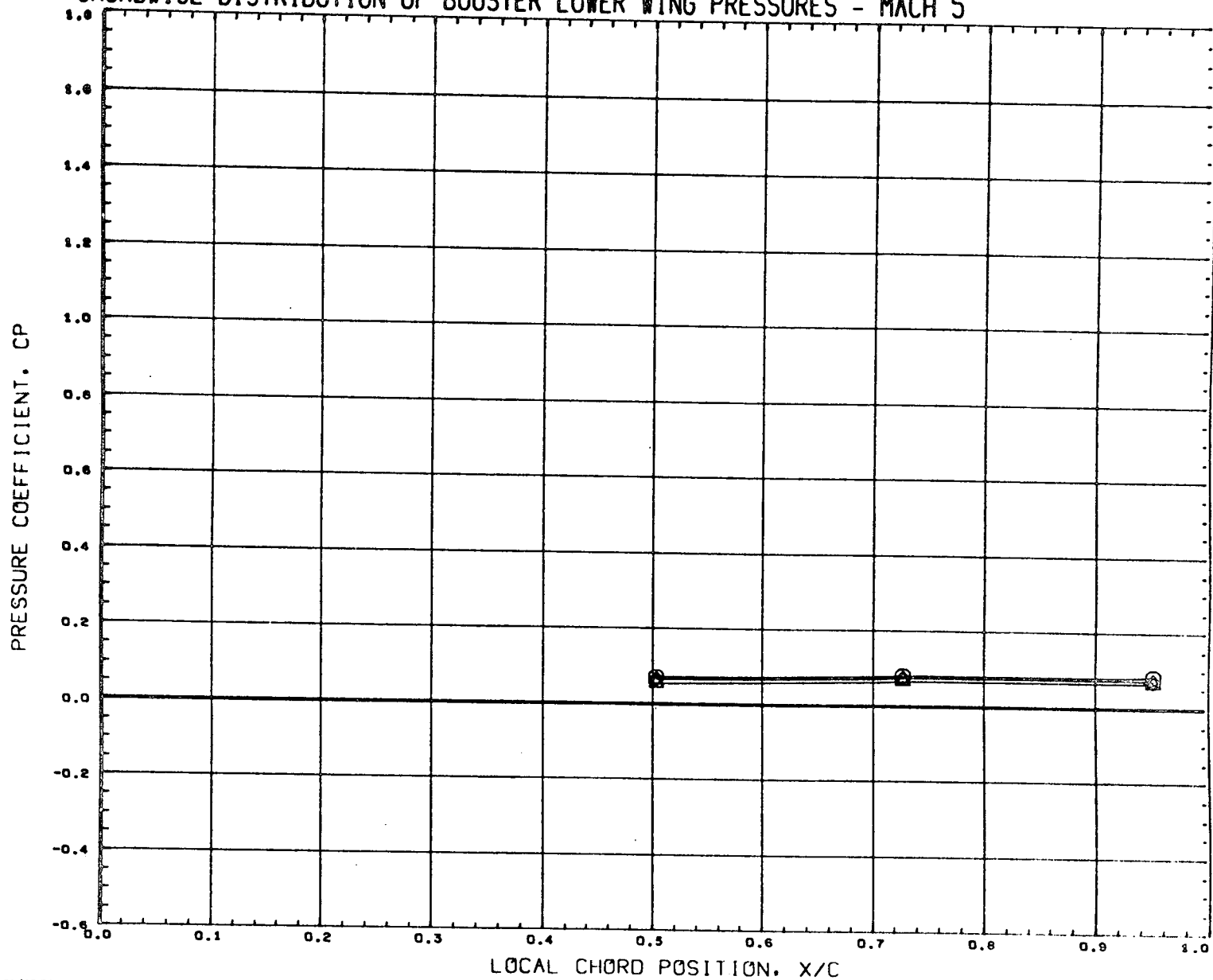
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8523•

PAGE 1175

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.037
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	OSTPOW	100.000

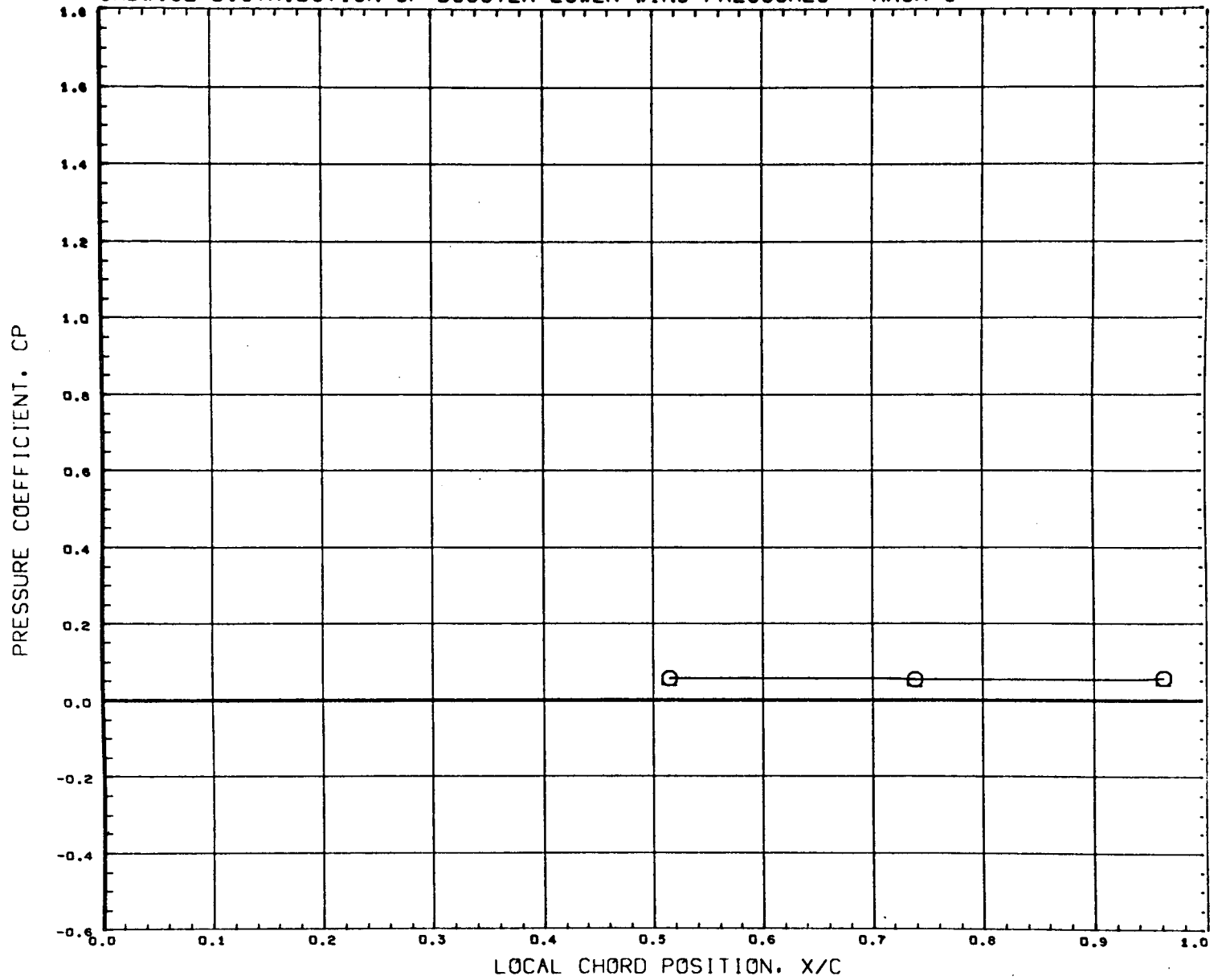
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8523•

PAGE 1176

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.037
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

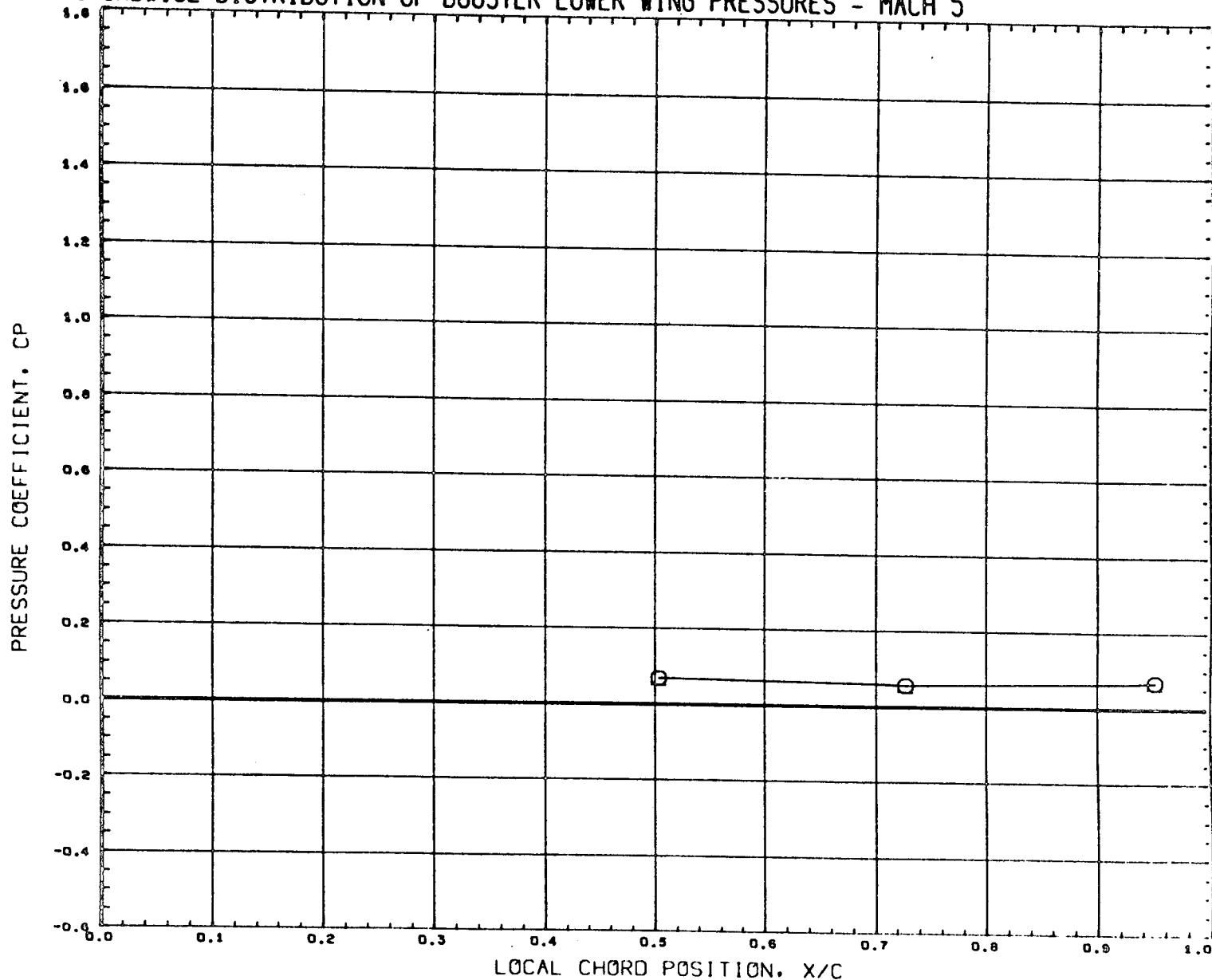
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8523•

PAGE 1177

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.037
 MACH 4.940 ALPHA1 0.000
 ORBPOW 50.000 BSTPOW 100.000

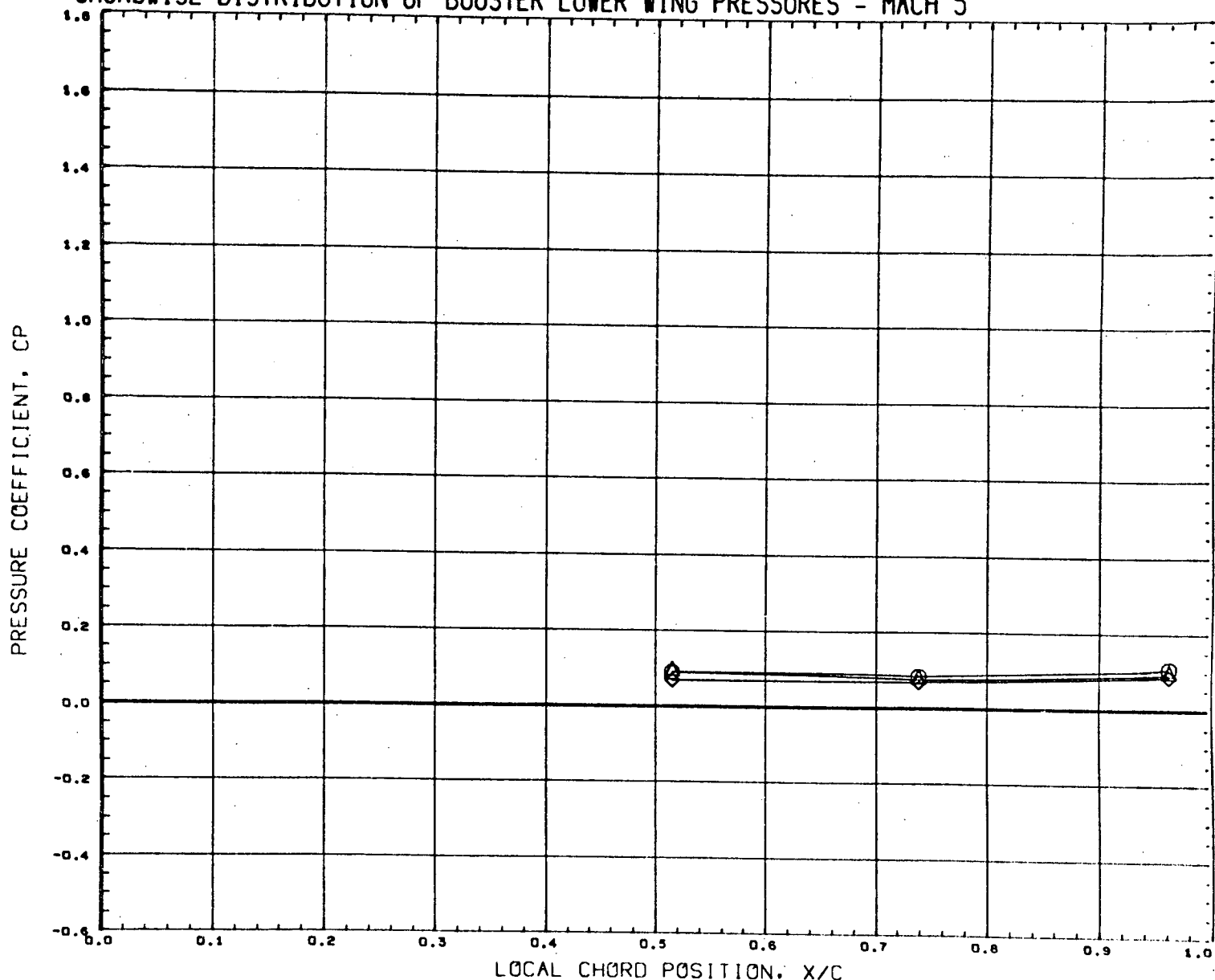
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8523•

PAGE 1178

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.012
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

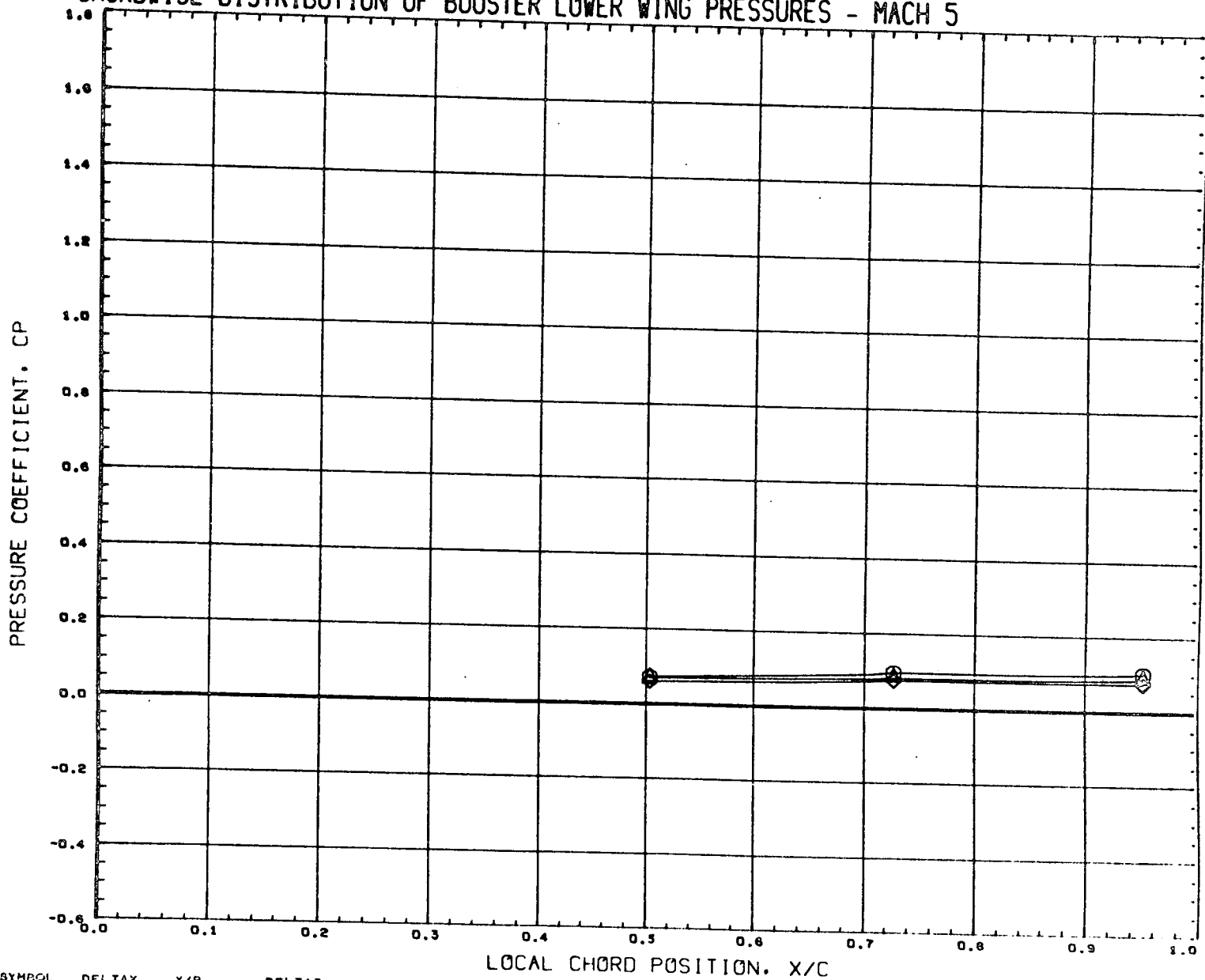
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8524•

PAGE 1179

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.339	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.012
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

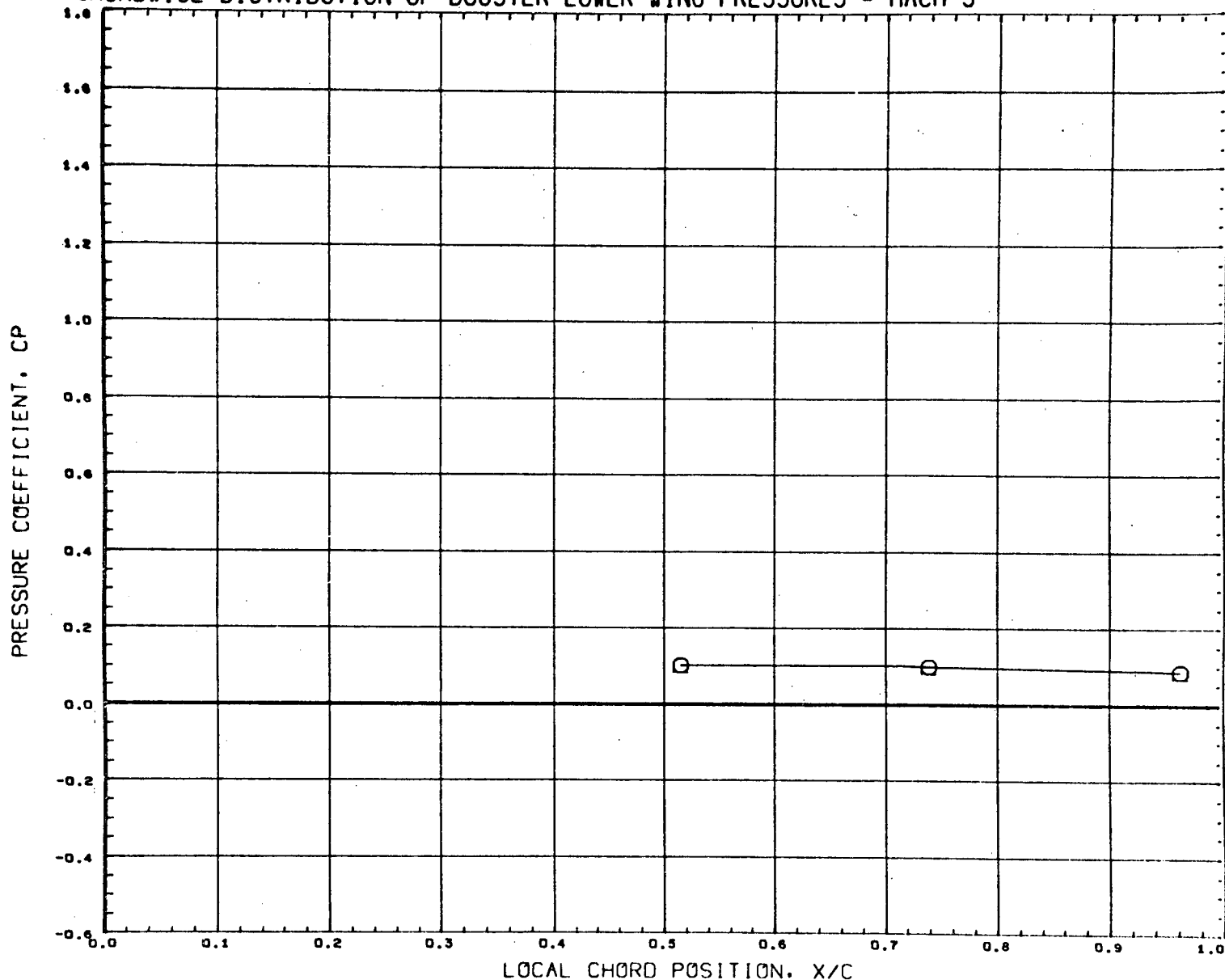
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8524•

PAGE 1180

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHA1	0.000
ORBPOW	50.000	BSTPOW	100.000

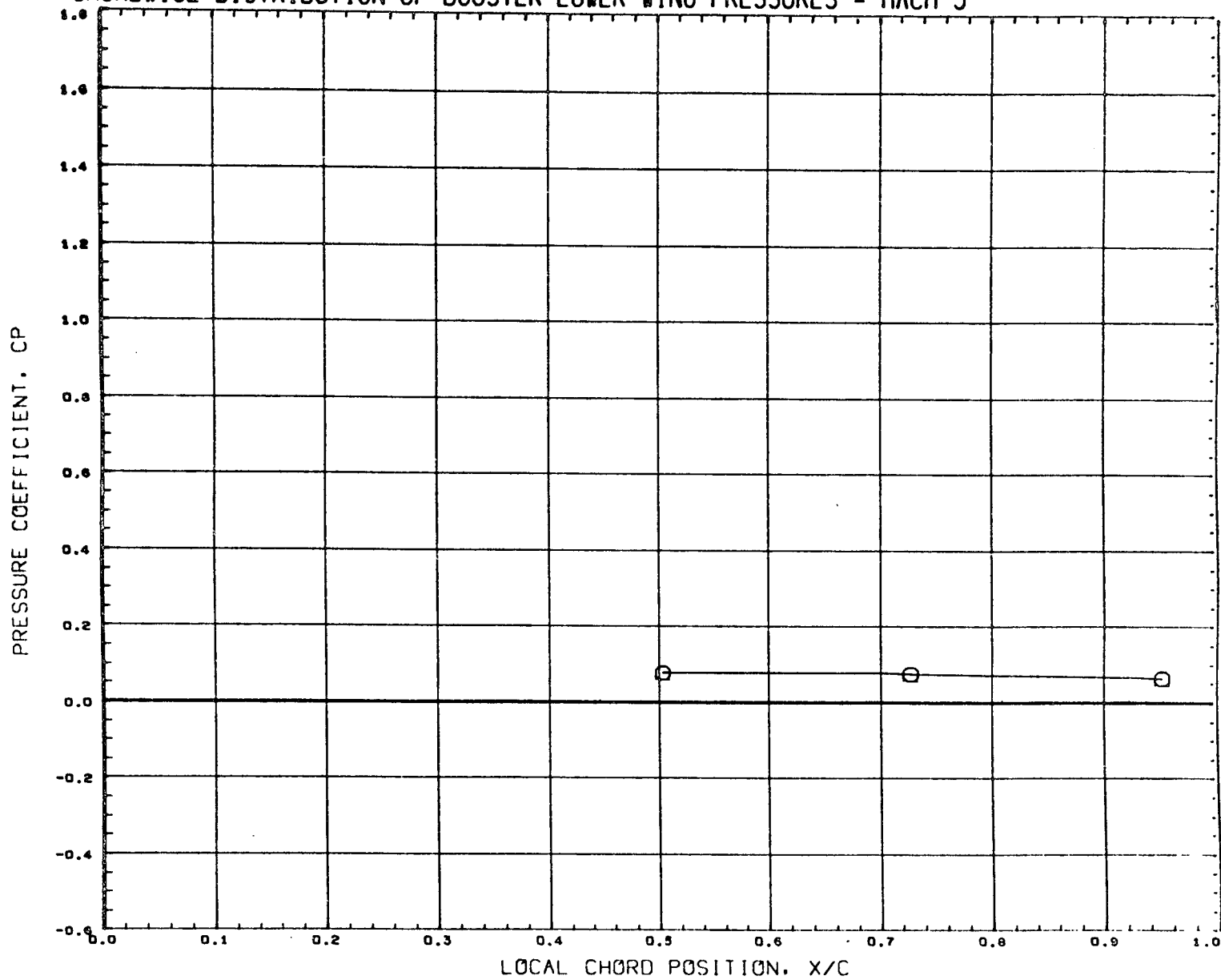
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8524•

PAGE 1181

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.920 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 9.012
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

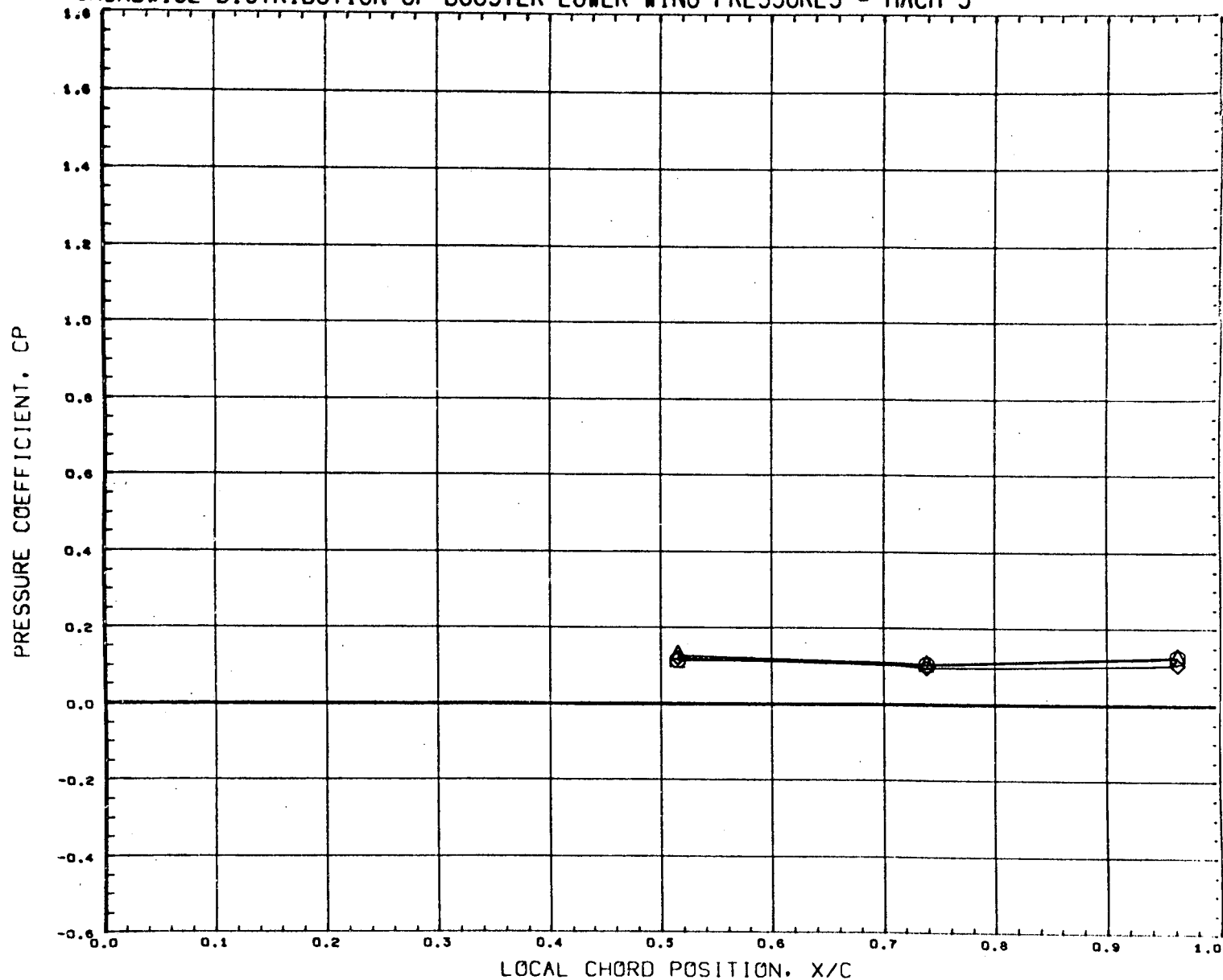
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8524•

PAGE 1182

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

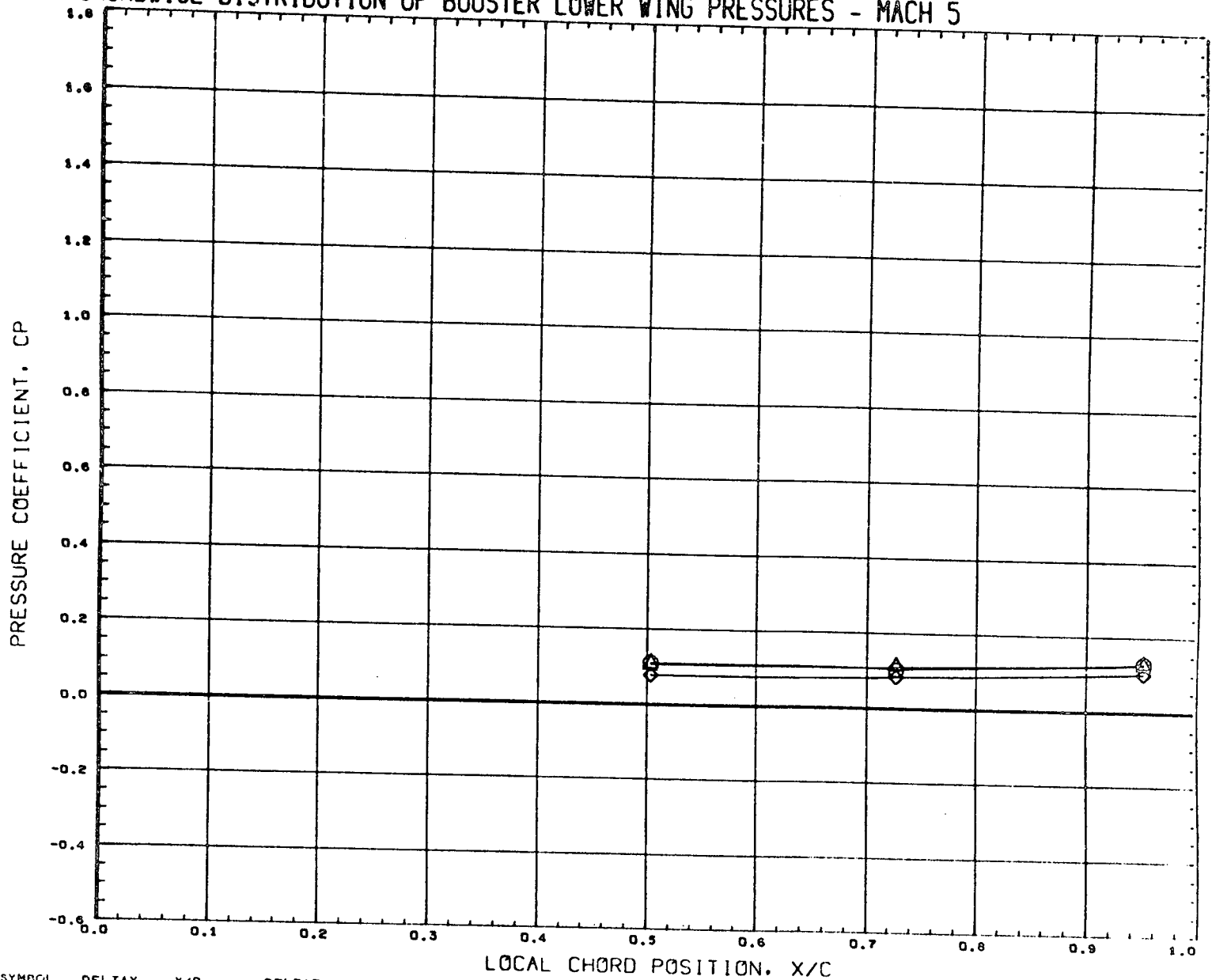
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8525•

PAGE 1183

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.042
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

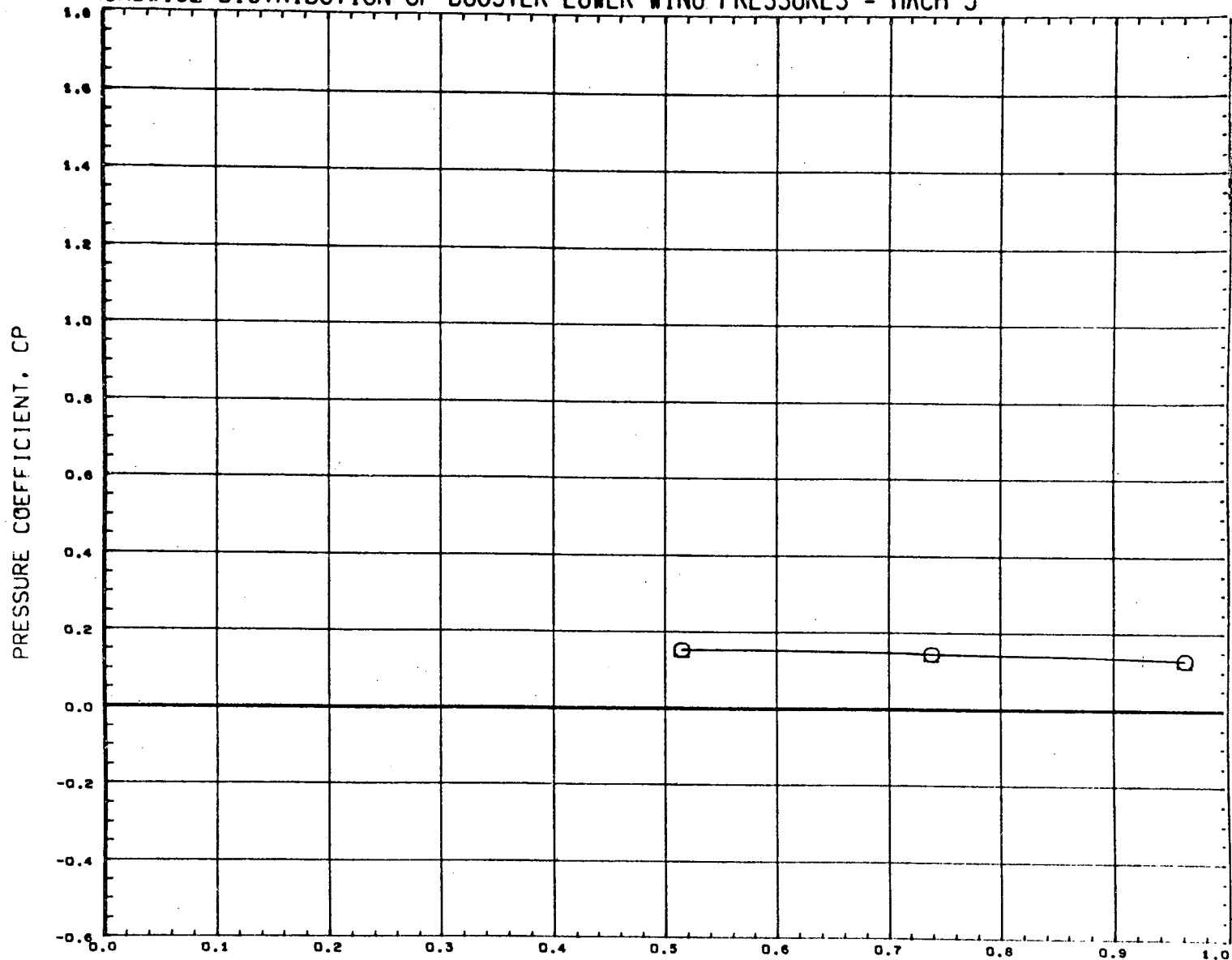
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8525•

PAGE 1184

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.221 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 10.042
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

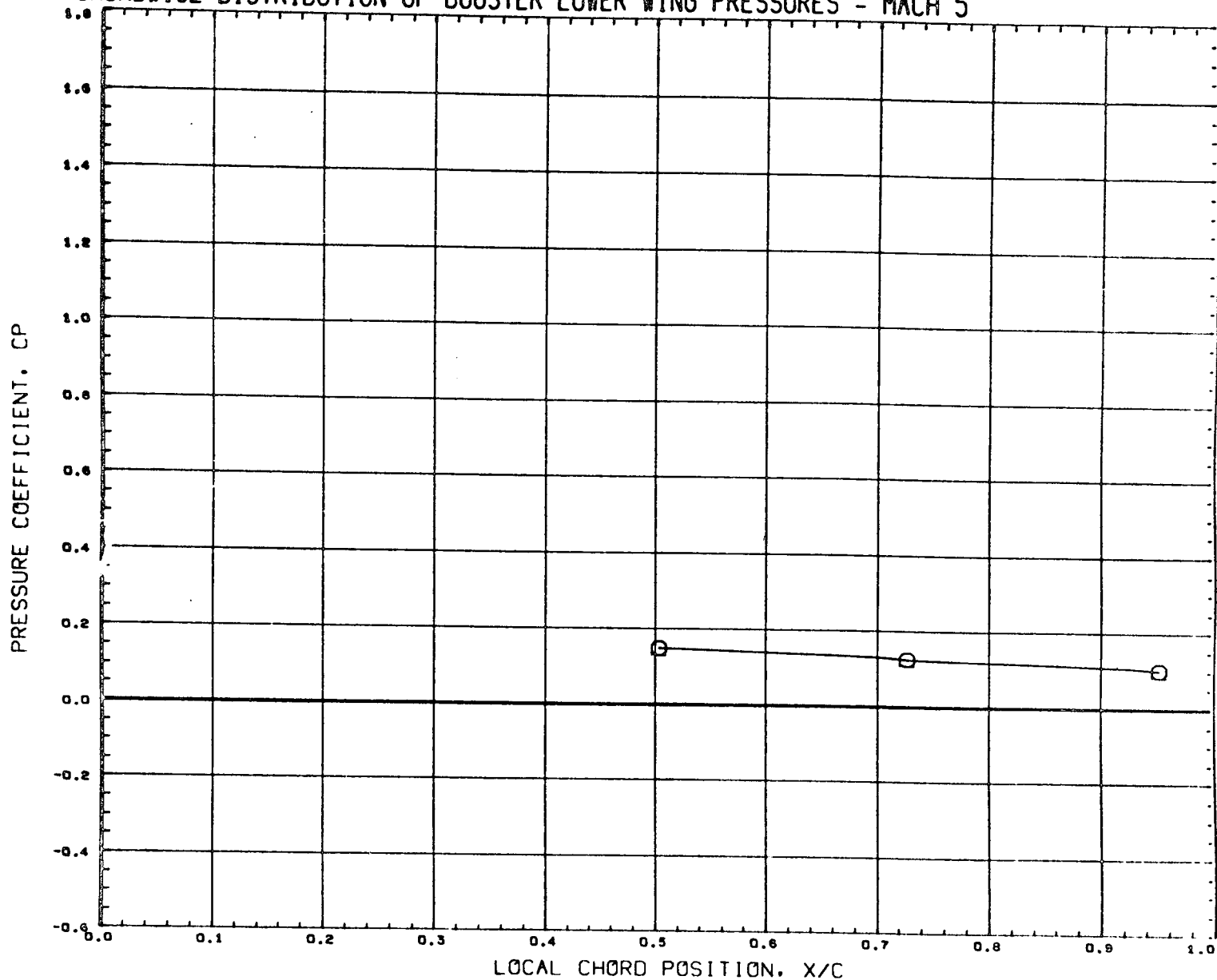
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8525•

PAGE 1185

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 10.042
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

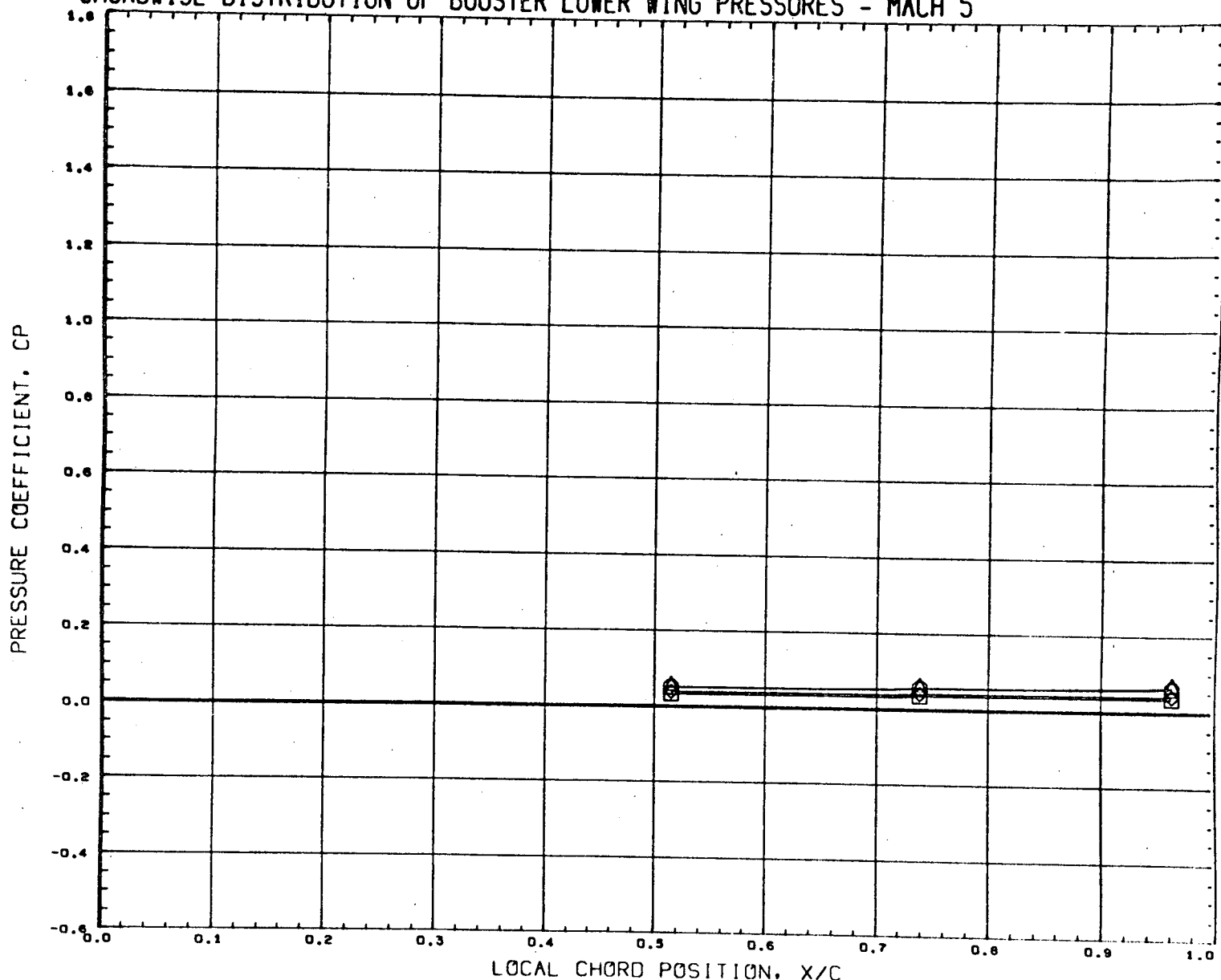
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8525•

PAGE 1186

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.918
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

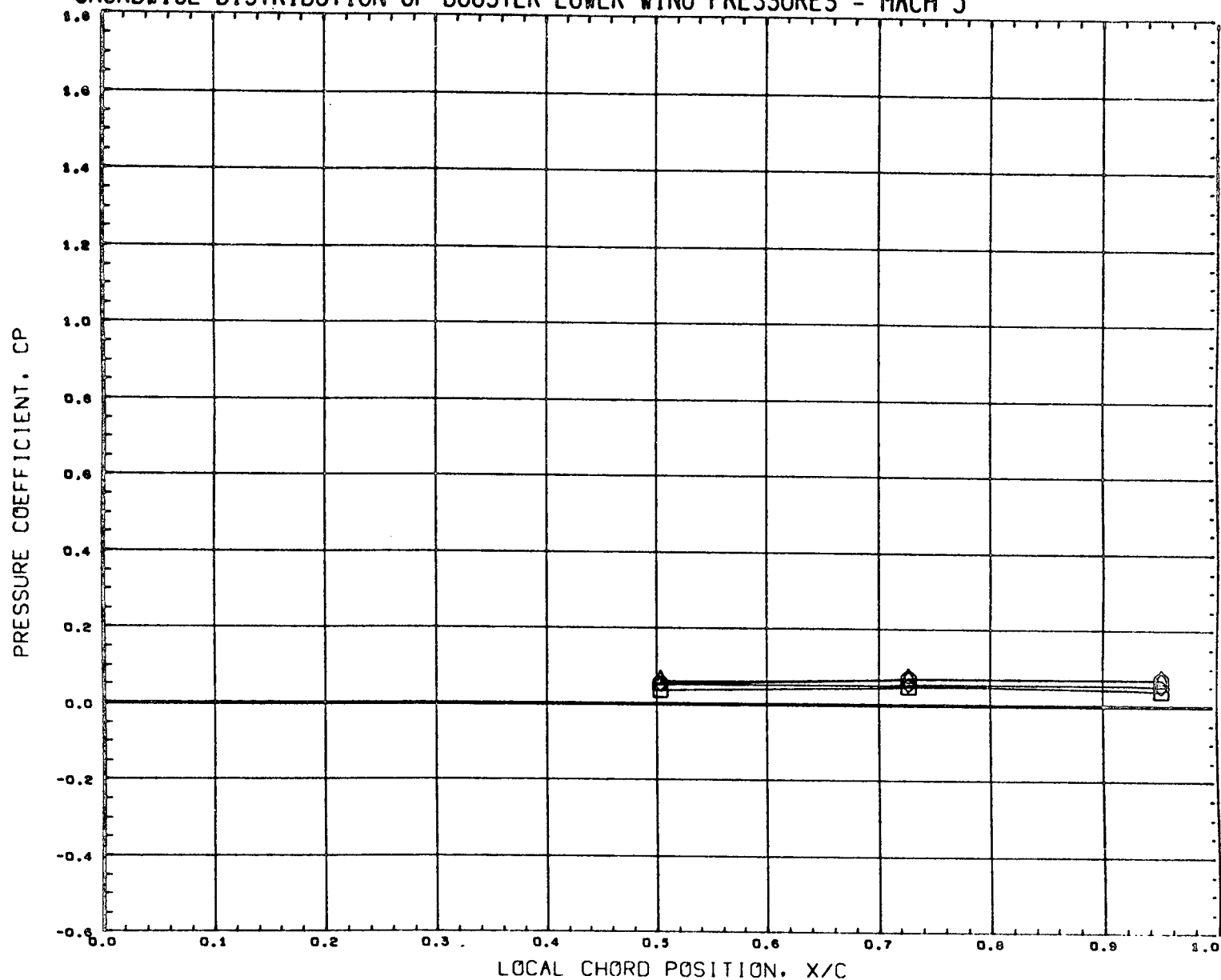
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8531•

PAGE 1187

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

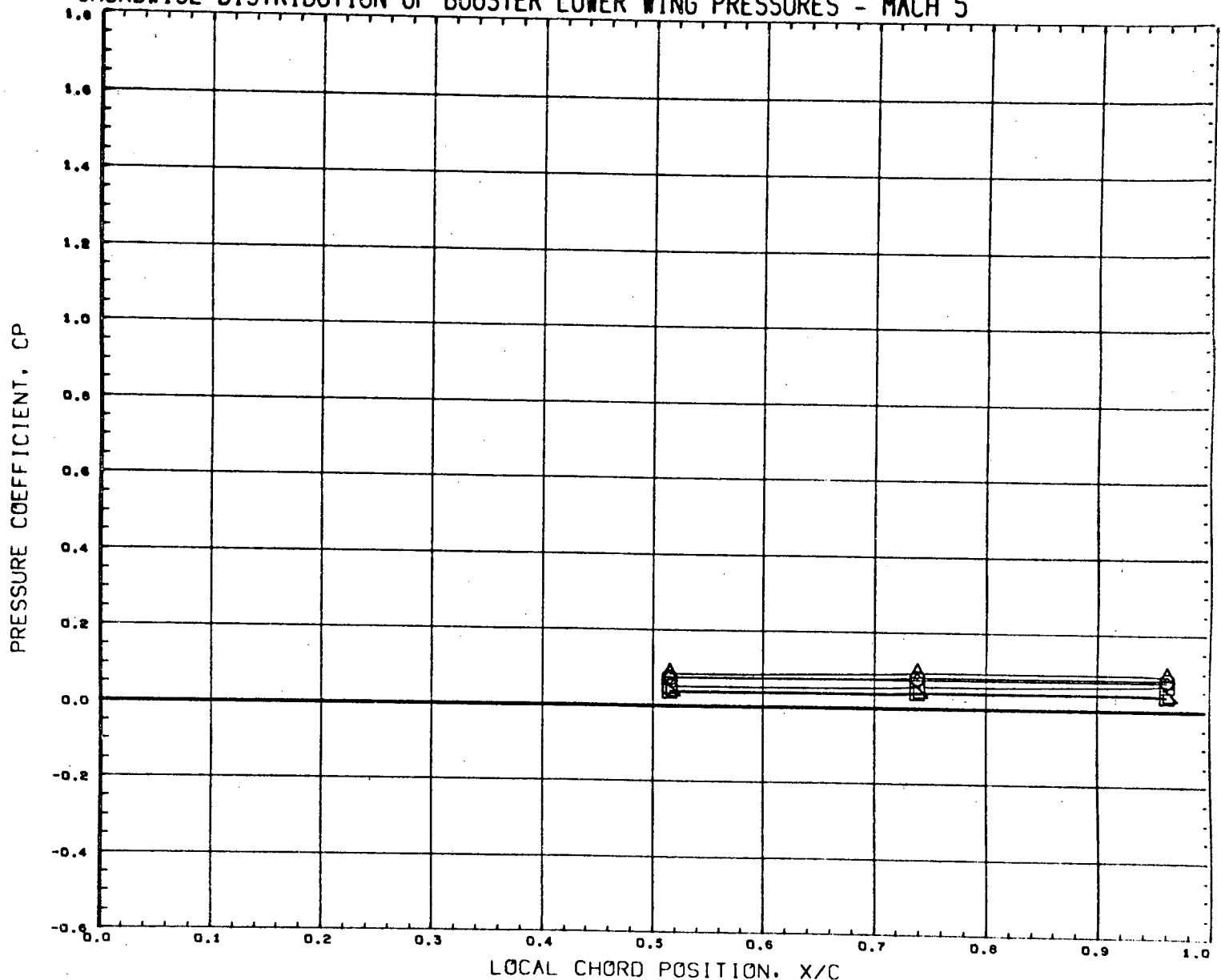
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8531•

PAGE 1188

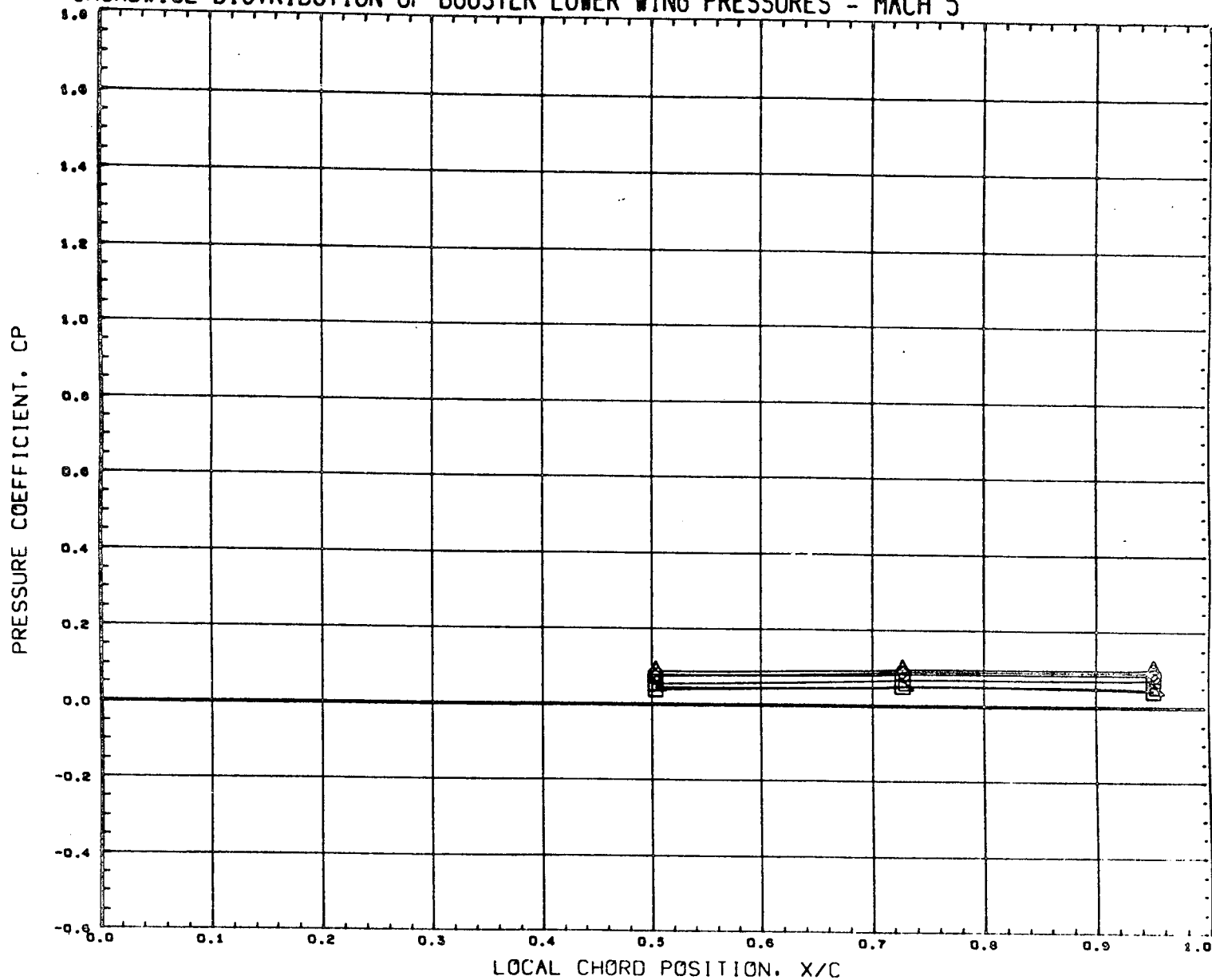
CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHA8	- 9.918
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

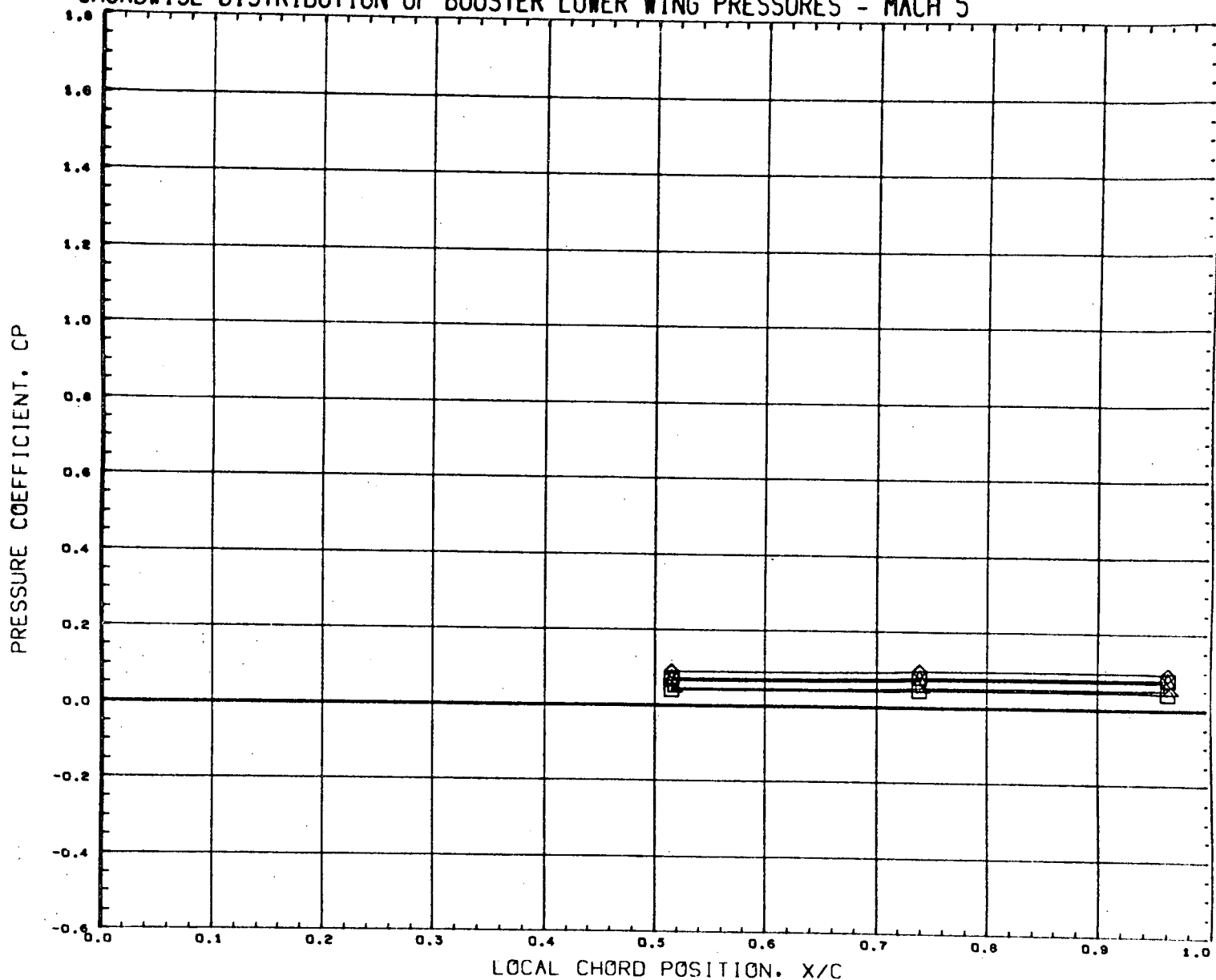


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA8	- 9.918
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

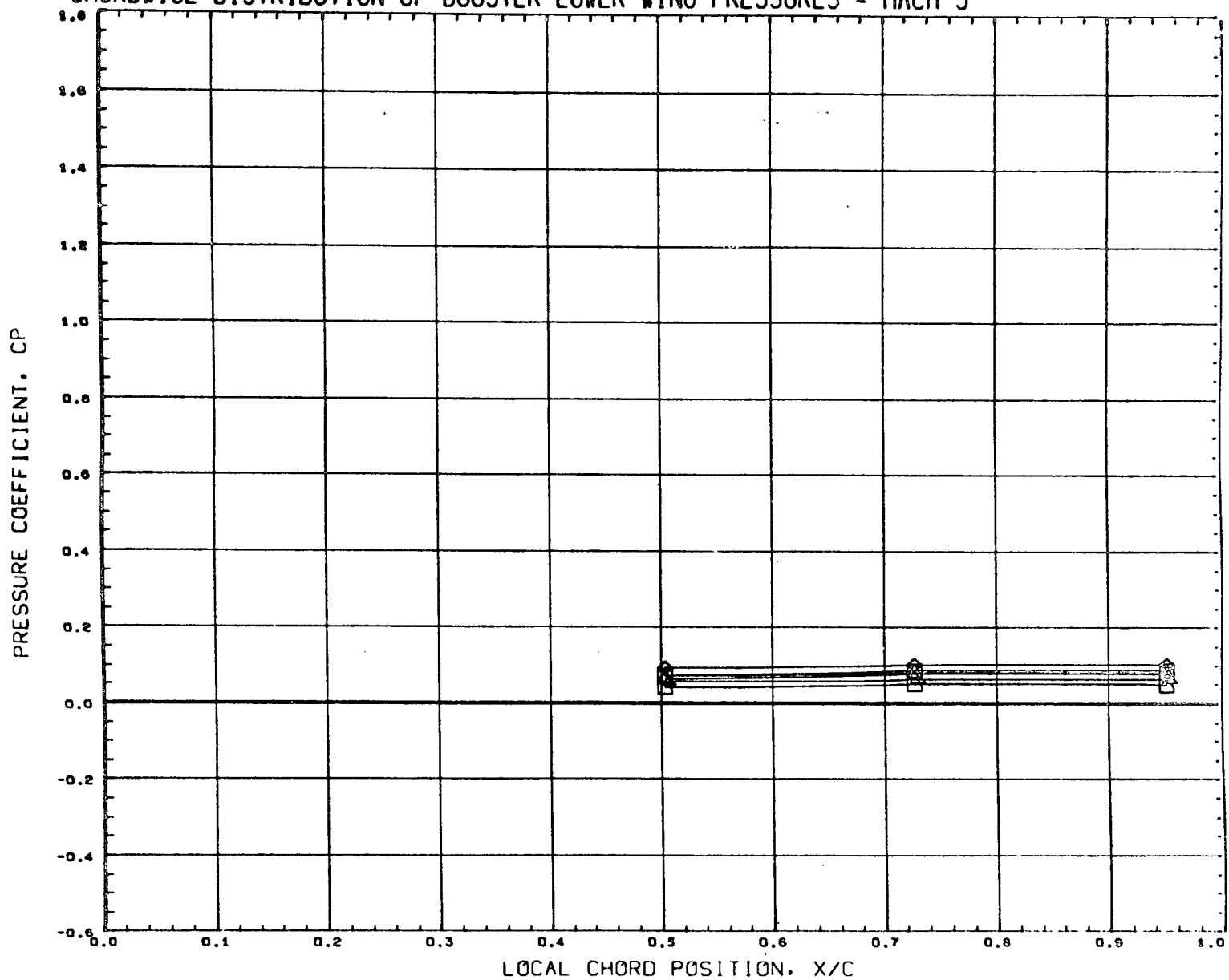


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.151
◇	- 0.143		
△	- 0.020		
□	0.103		
◇	0.227		
□	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.359	0.151
◇	0.143		
◇	0.020		
□	0.103		
△	0.227		
▽	0.390		

REFERENCE FILE

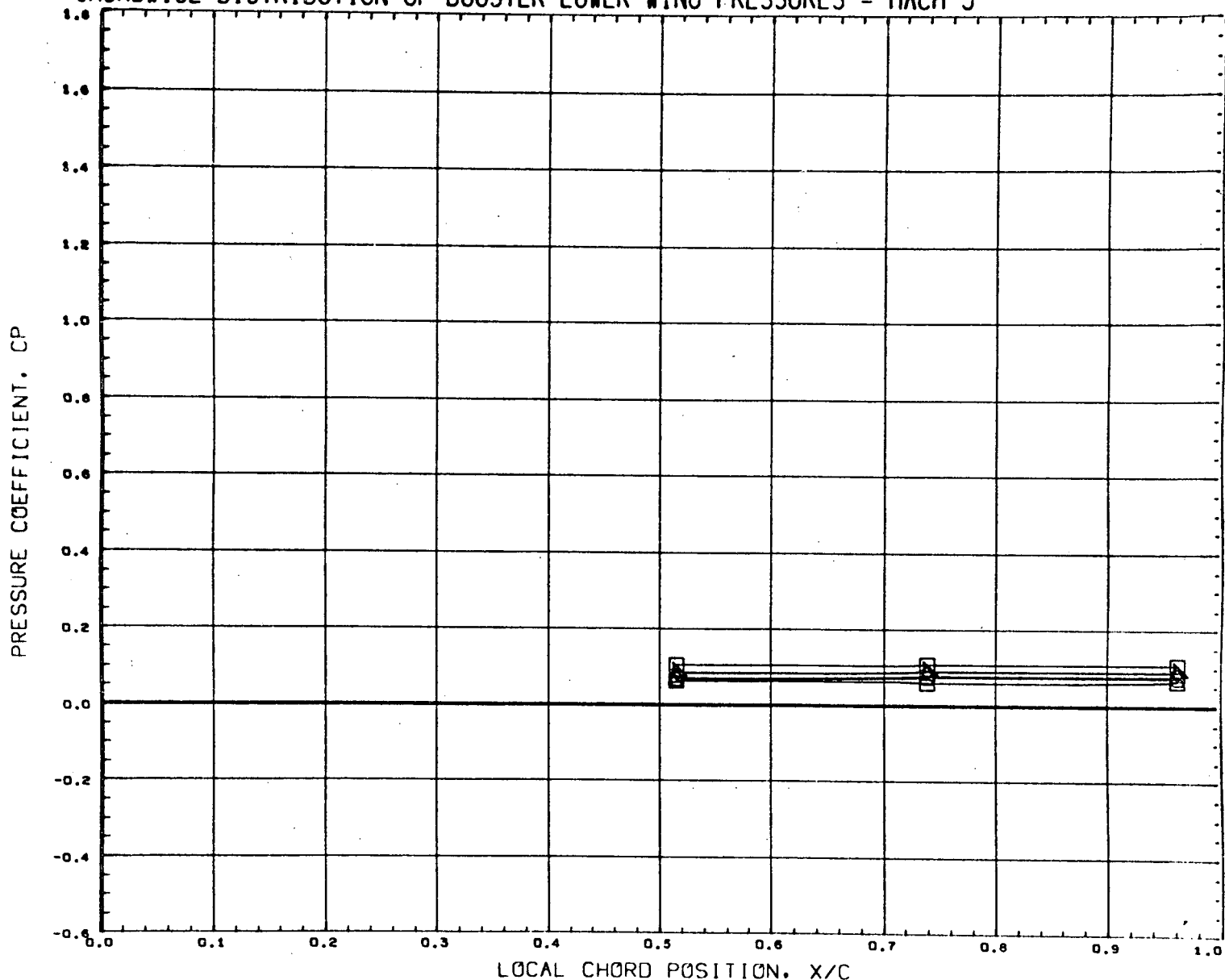
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8531•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

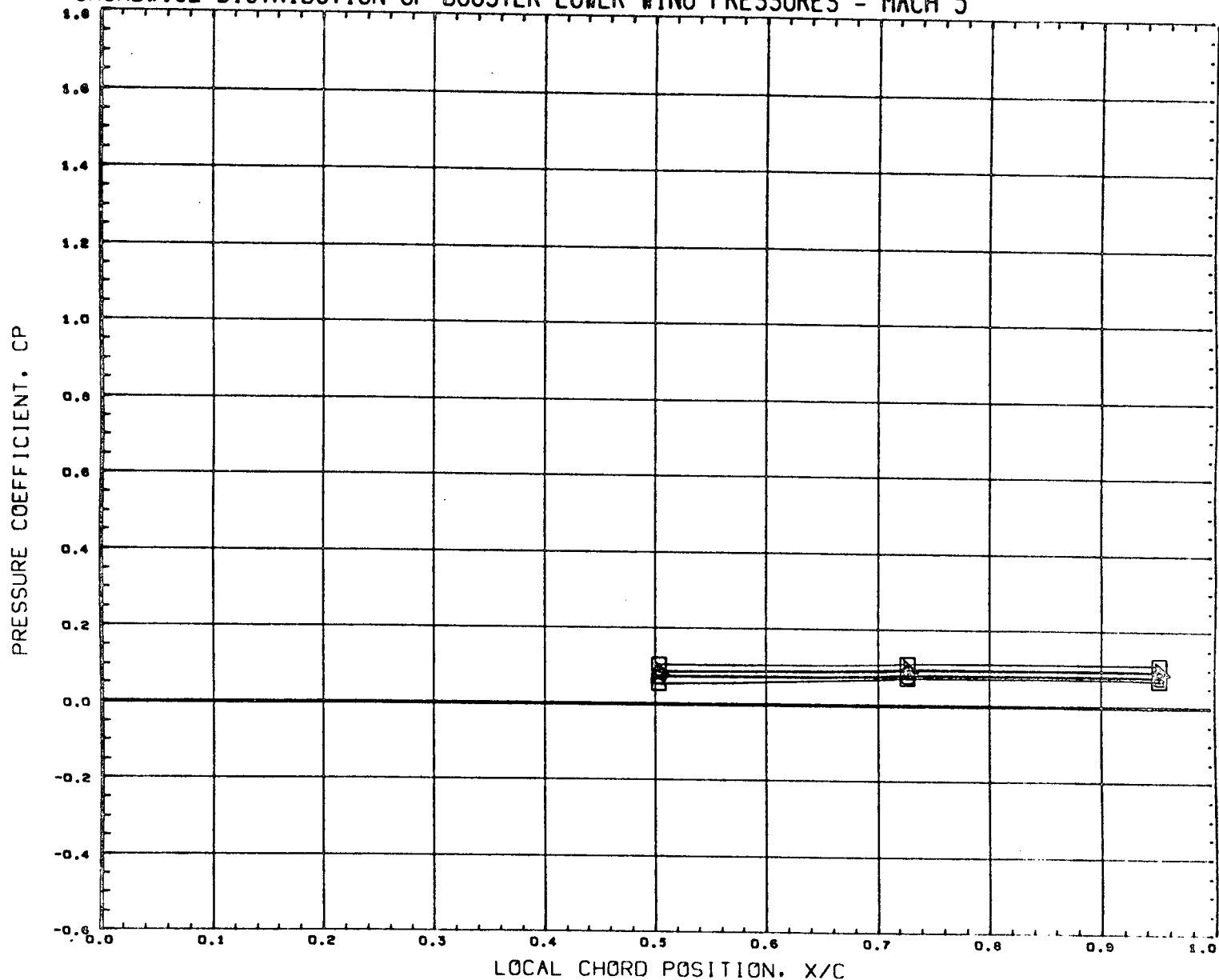


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

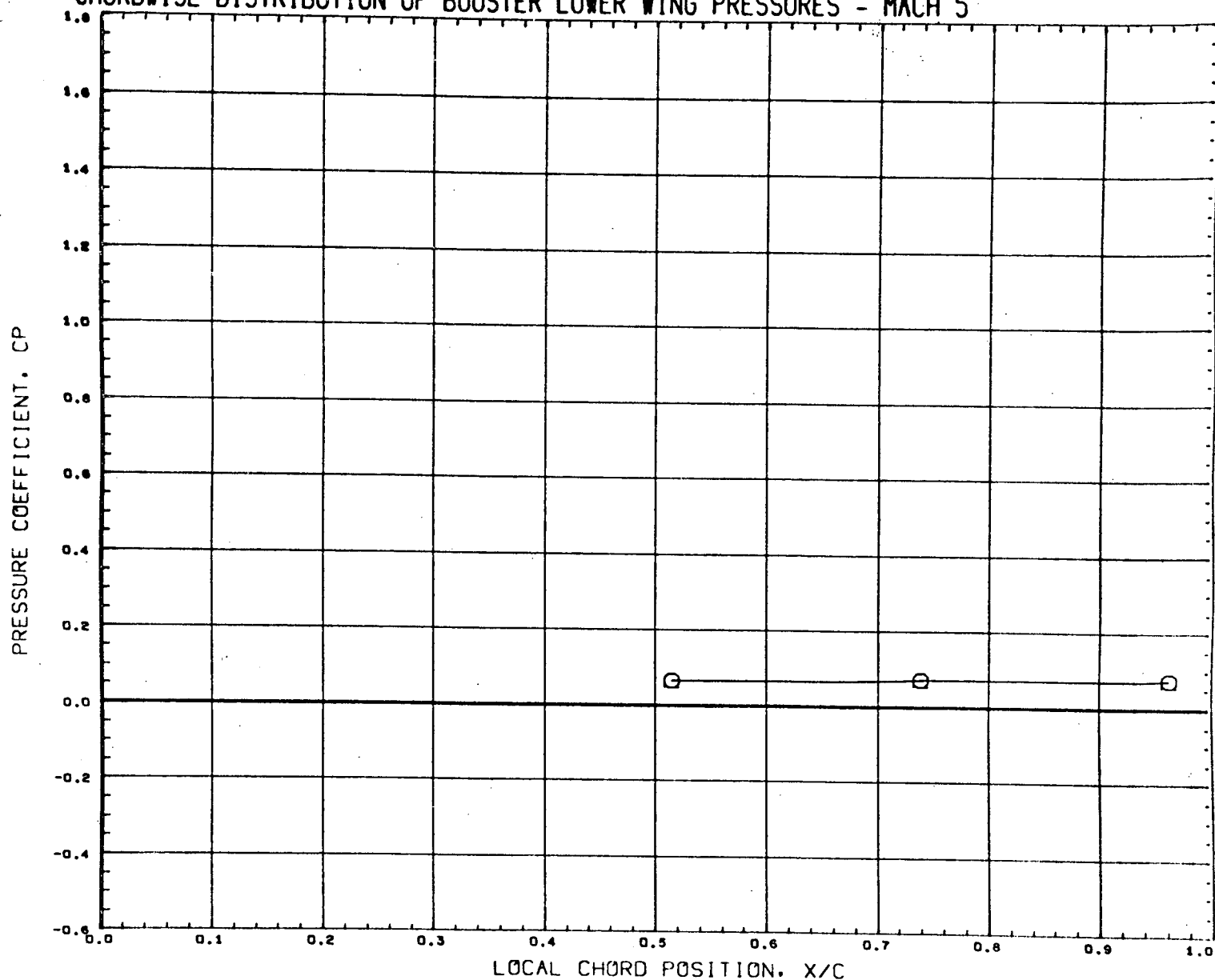


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.359	0.228
-	0.143		
-	0.020		
-	0.103		
-	0.227		
-	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.221 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.91A
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

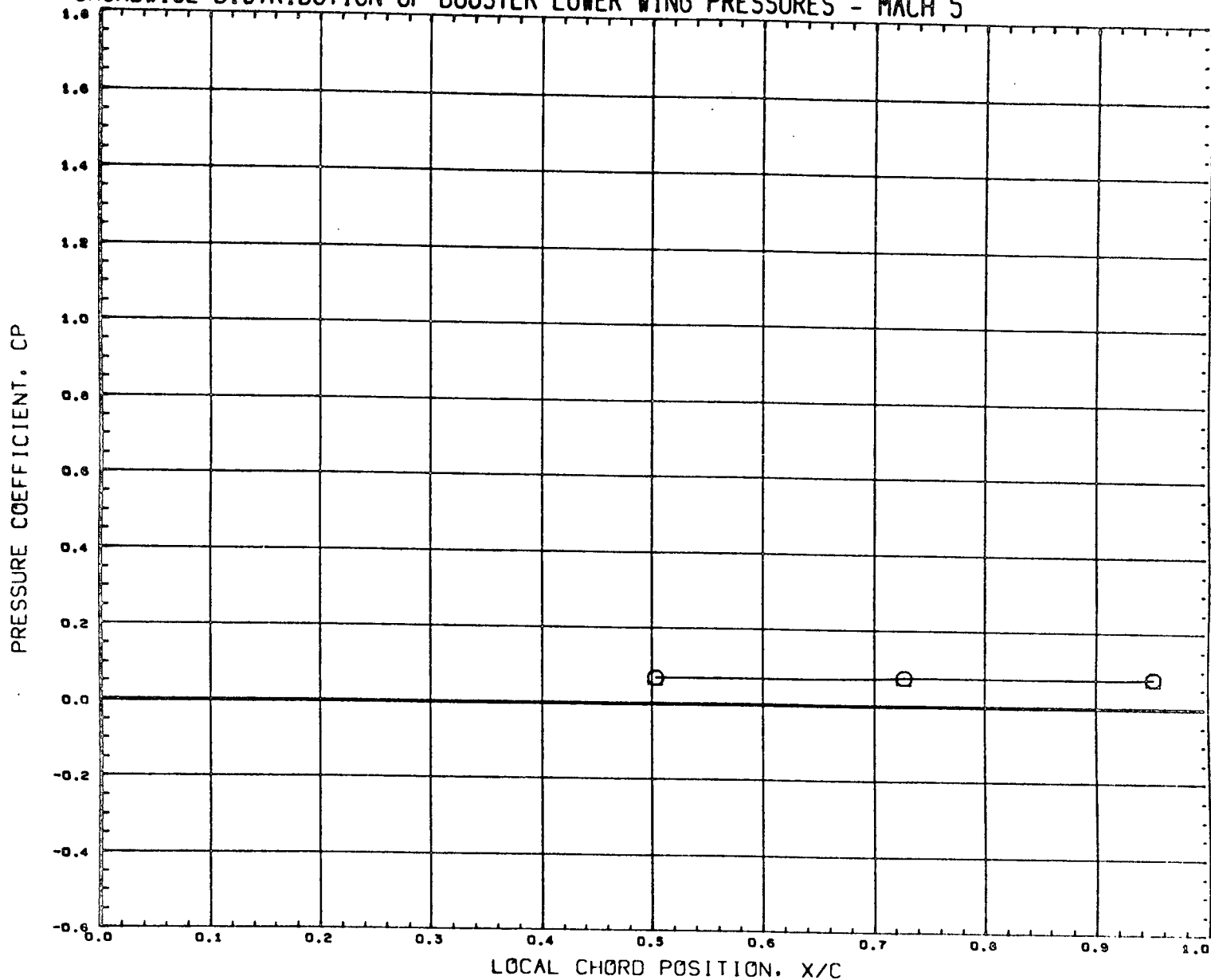
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8531•

PAGE 1195

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.359 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.918
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

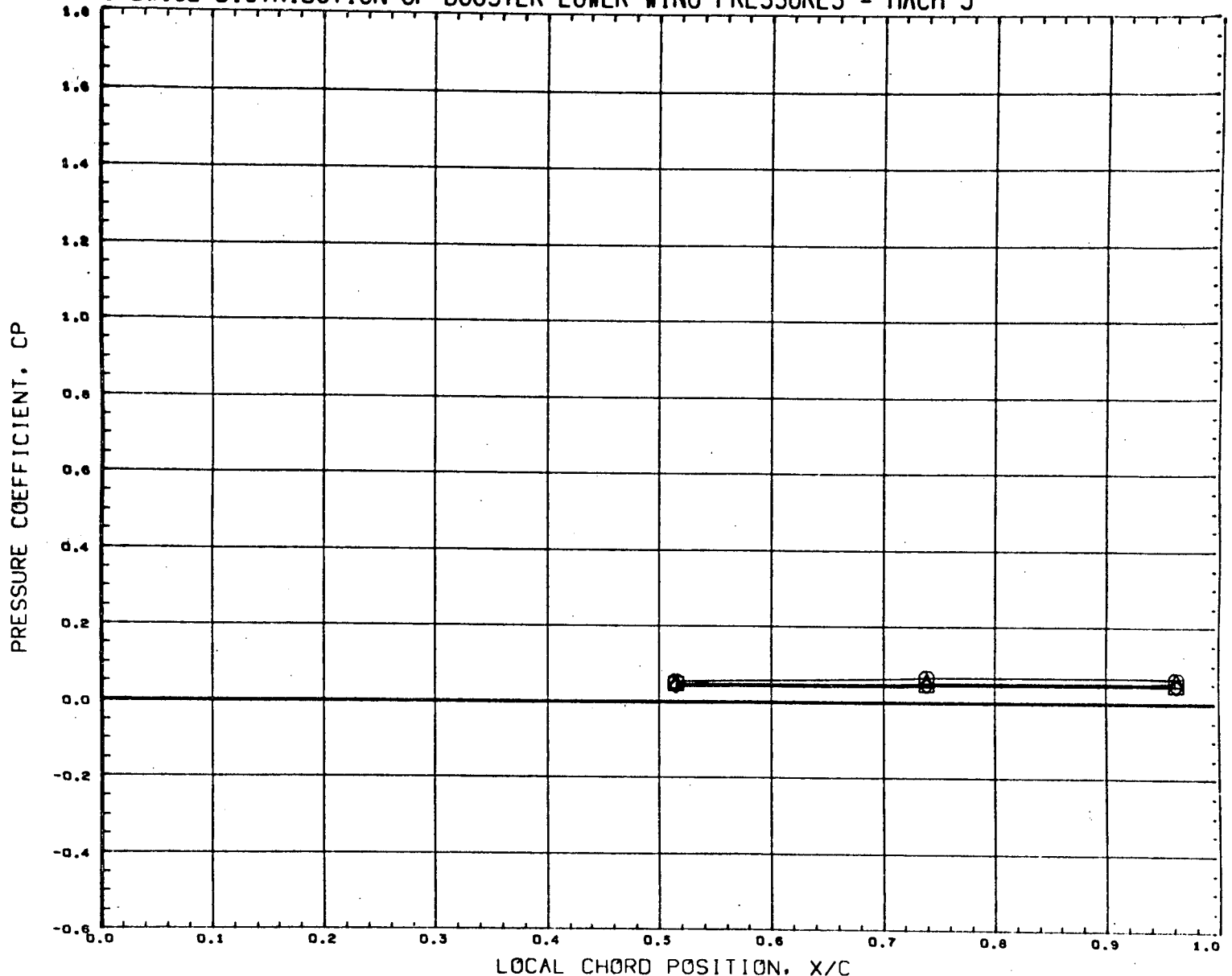
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8531•

PAGE 1196

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

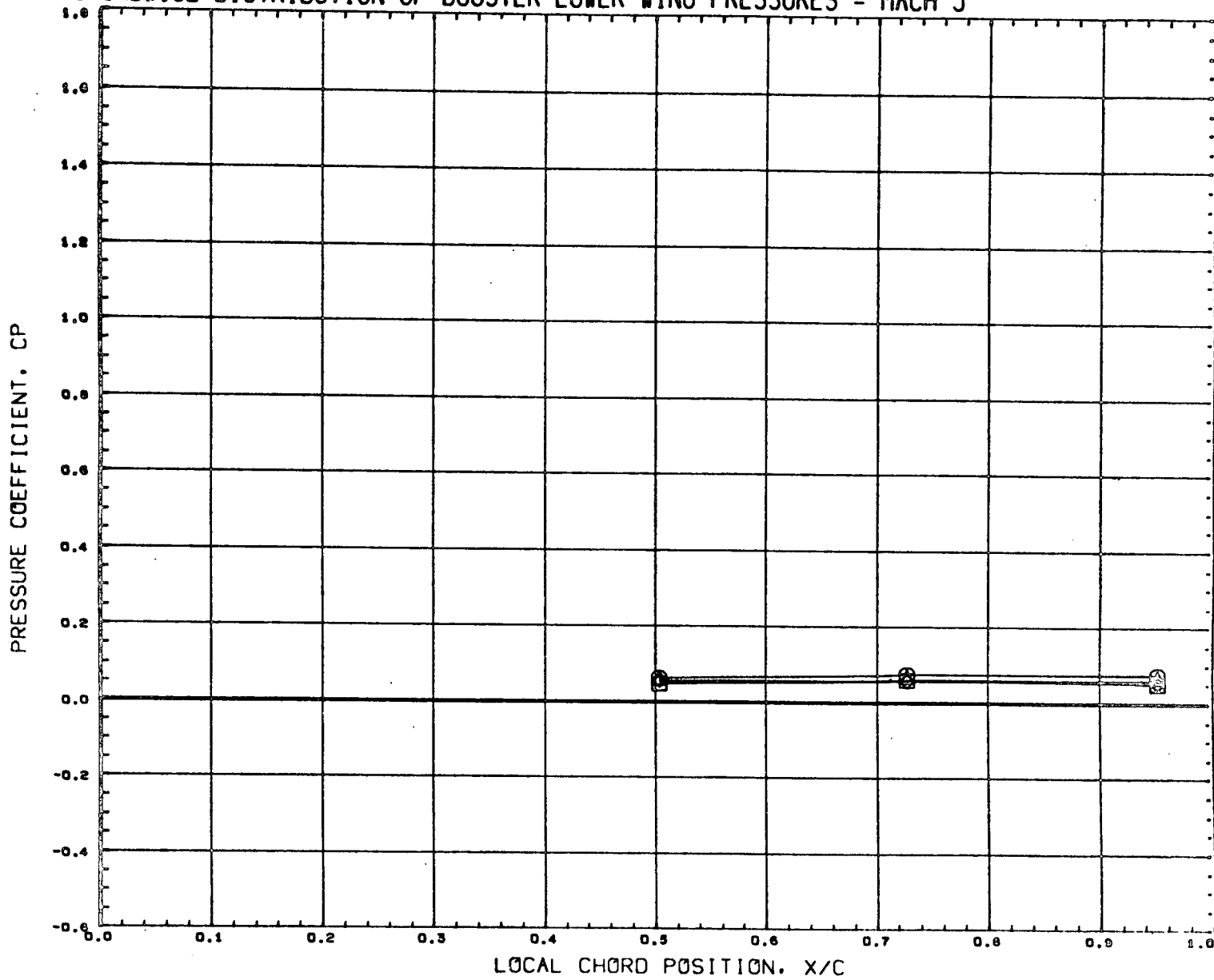
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8532•

PAGE 1197

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

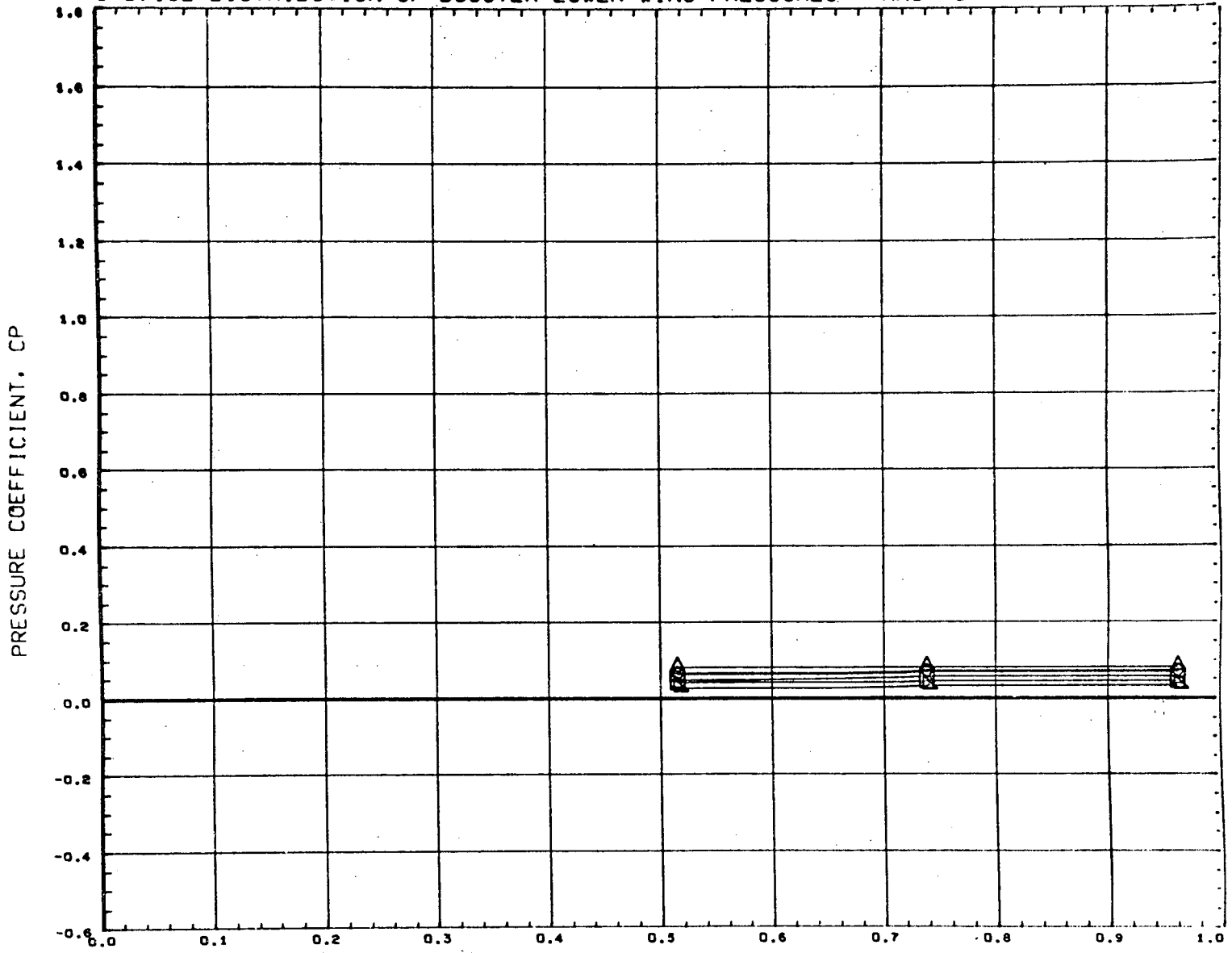
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8532•

PAGE 1198

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



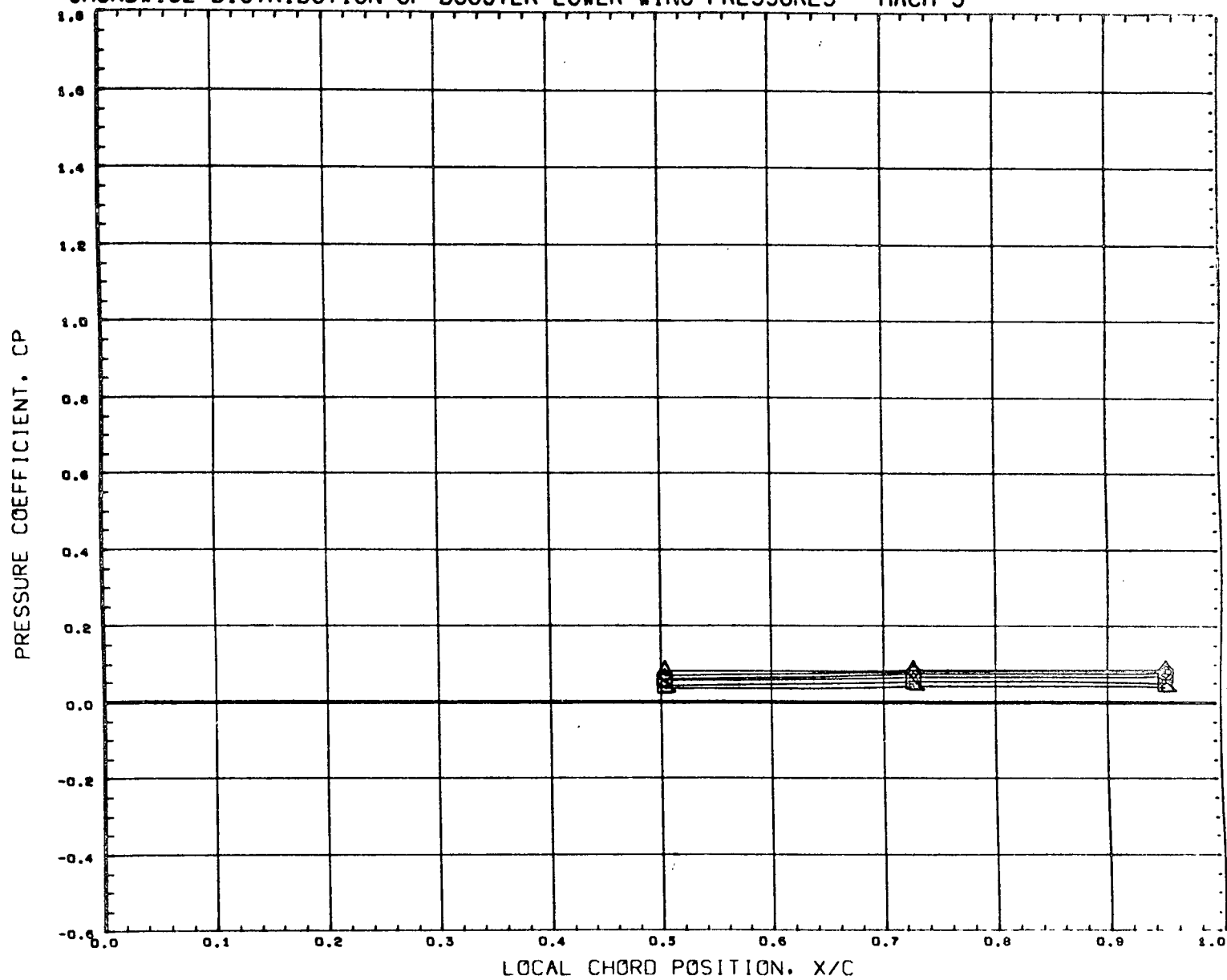
SYMBOL	DELTAX	Y/B	DELTAZ	PARAMETRIC VALUES			
○	- 0.390	0.221	0.120	BETA	0.000	ALPHAB	- 5.090
△	- 0.143			MACH	4.940	ALPHA1	0.000
◇	- 0.020			ORBPOW	100.000	BSTPOW	50.000
□	0.103						
▤	0.227						
▥	0.350	REFERENCE FILE					

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

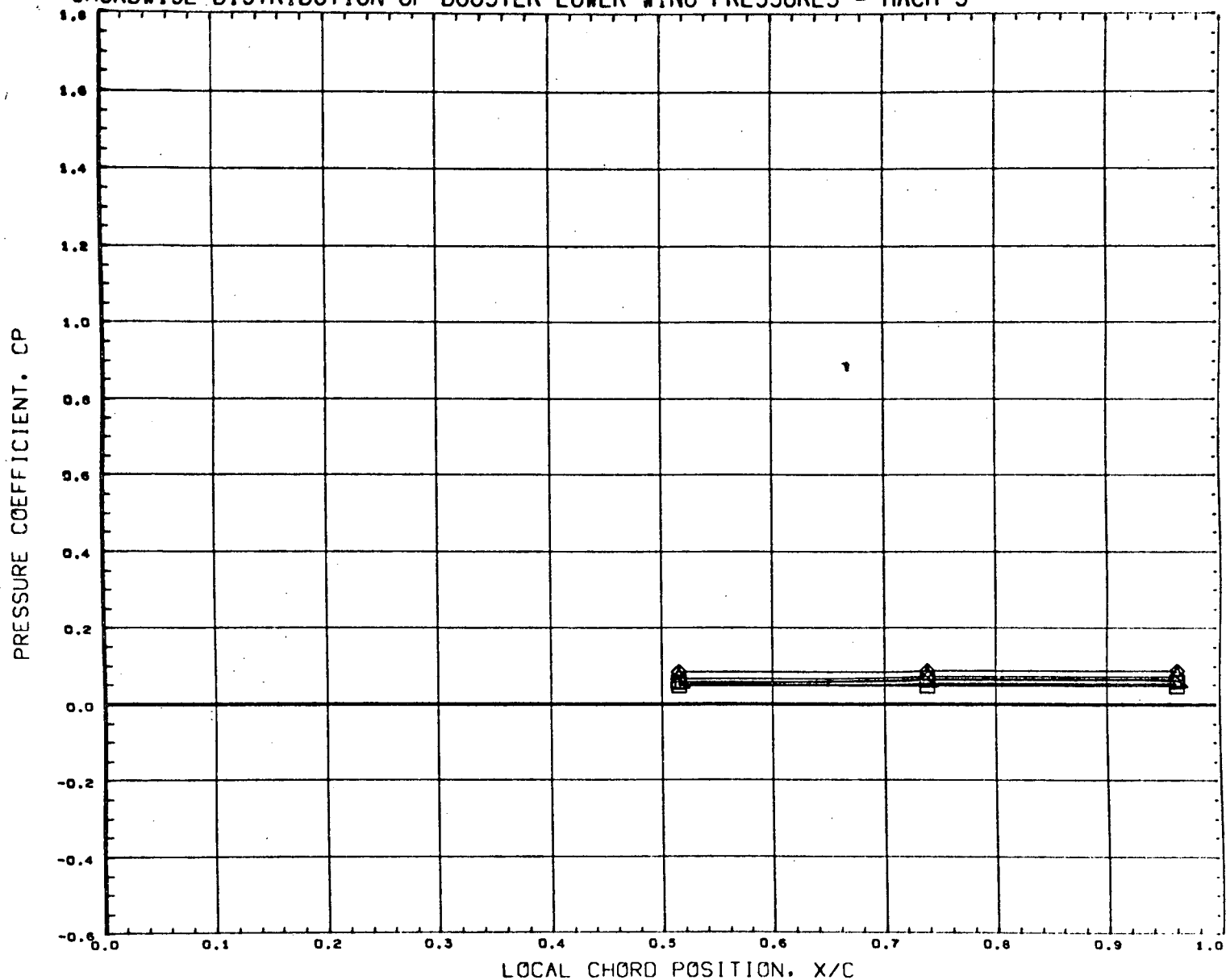


SYMBOL	DELTA X	Y/B	DELTA Z
◇	- 0.390	0.359	0.120
◇	- 0.143		
◇	- 0.020		
◇	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 5.090
MACH	4.940	ALPHA I	0.000
GRBPOW	100.000	ESTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

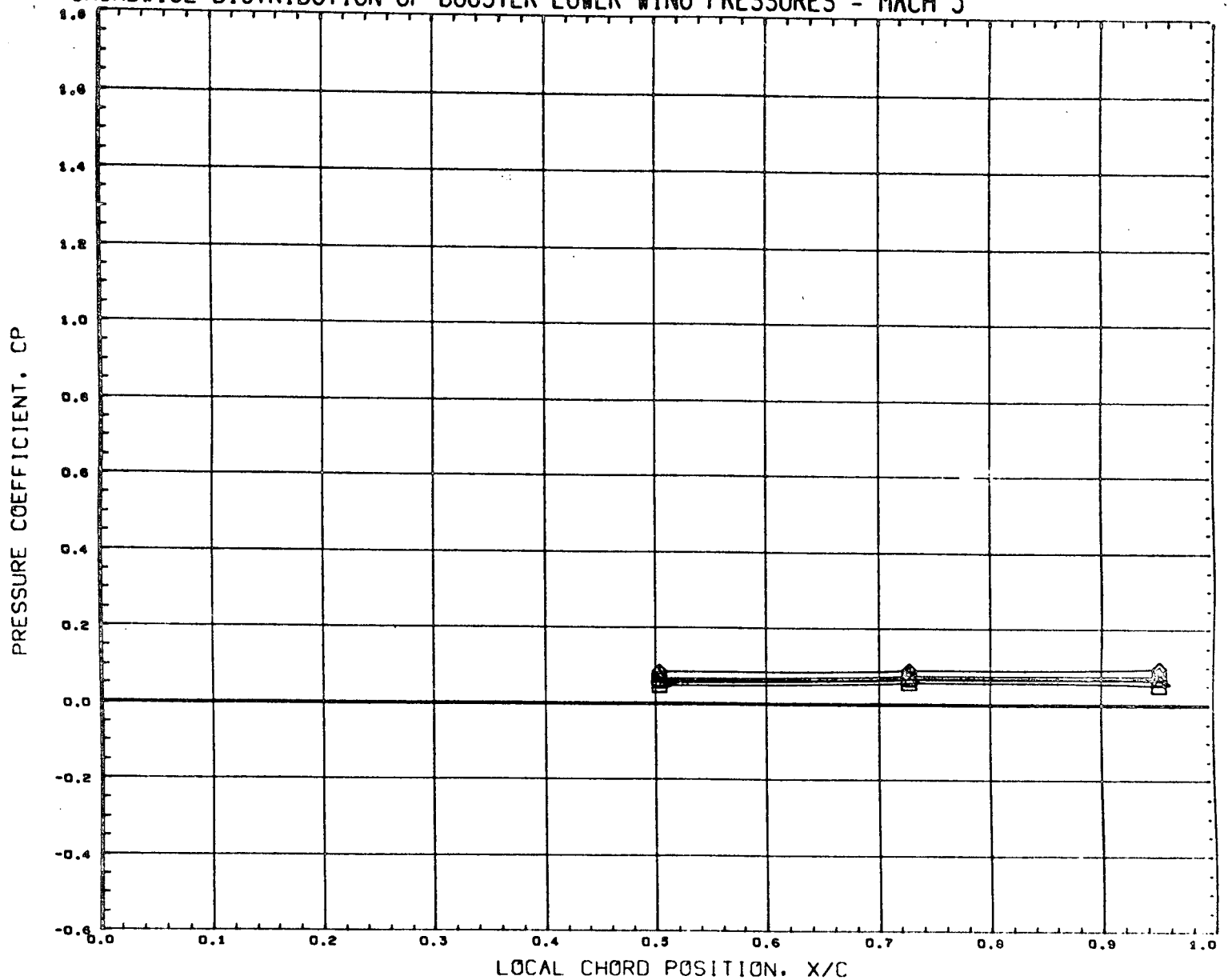


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

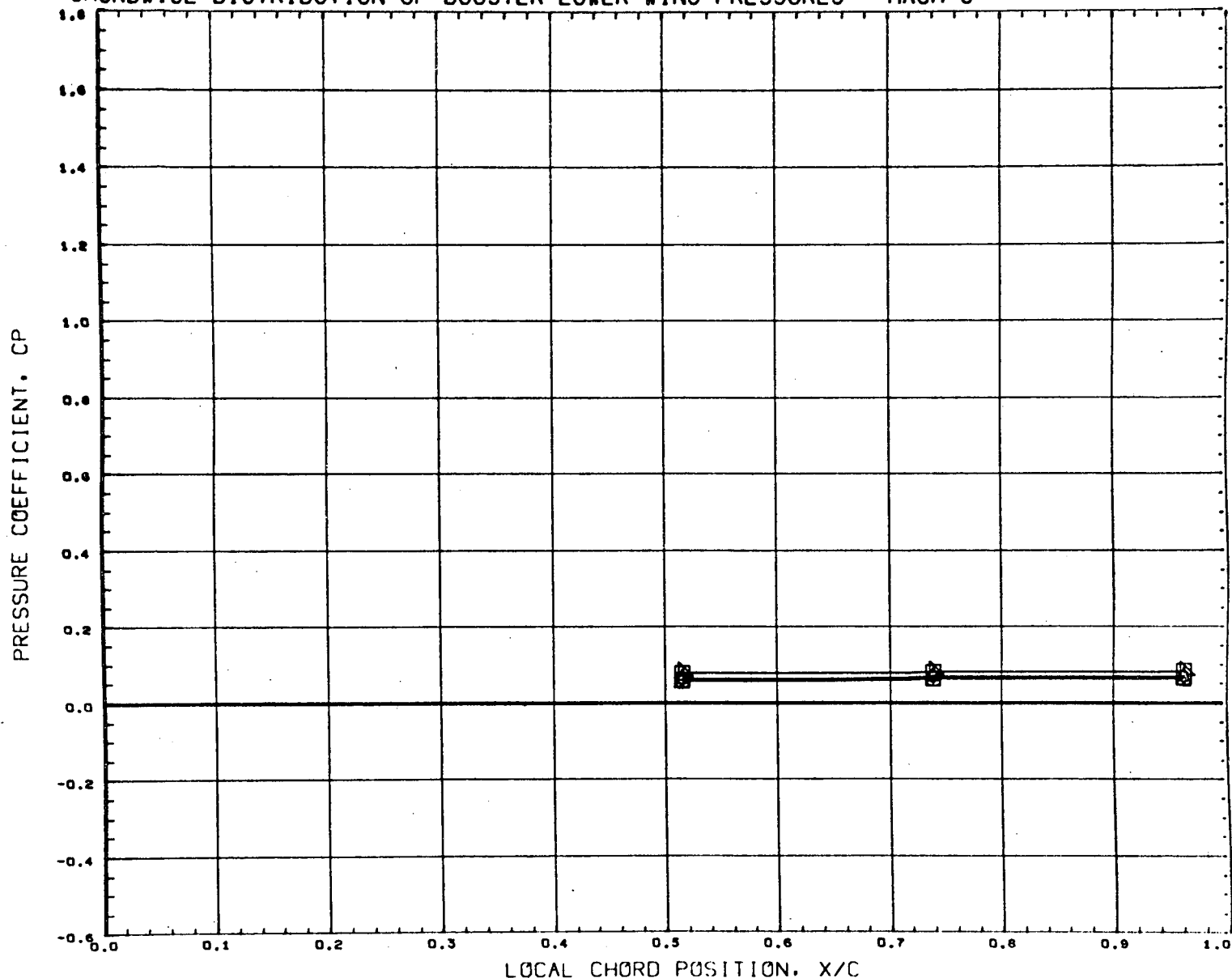


SYMBOL	DELTA Z	Y/B	DELTA Z
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◻	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

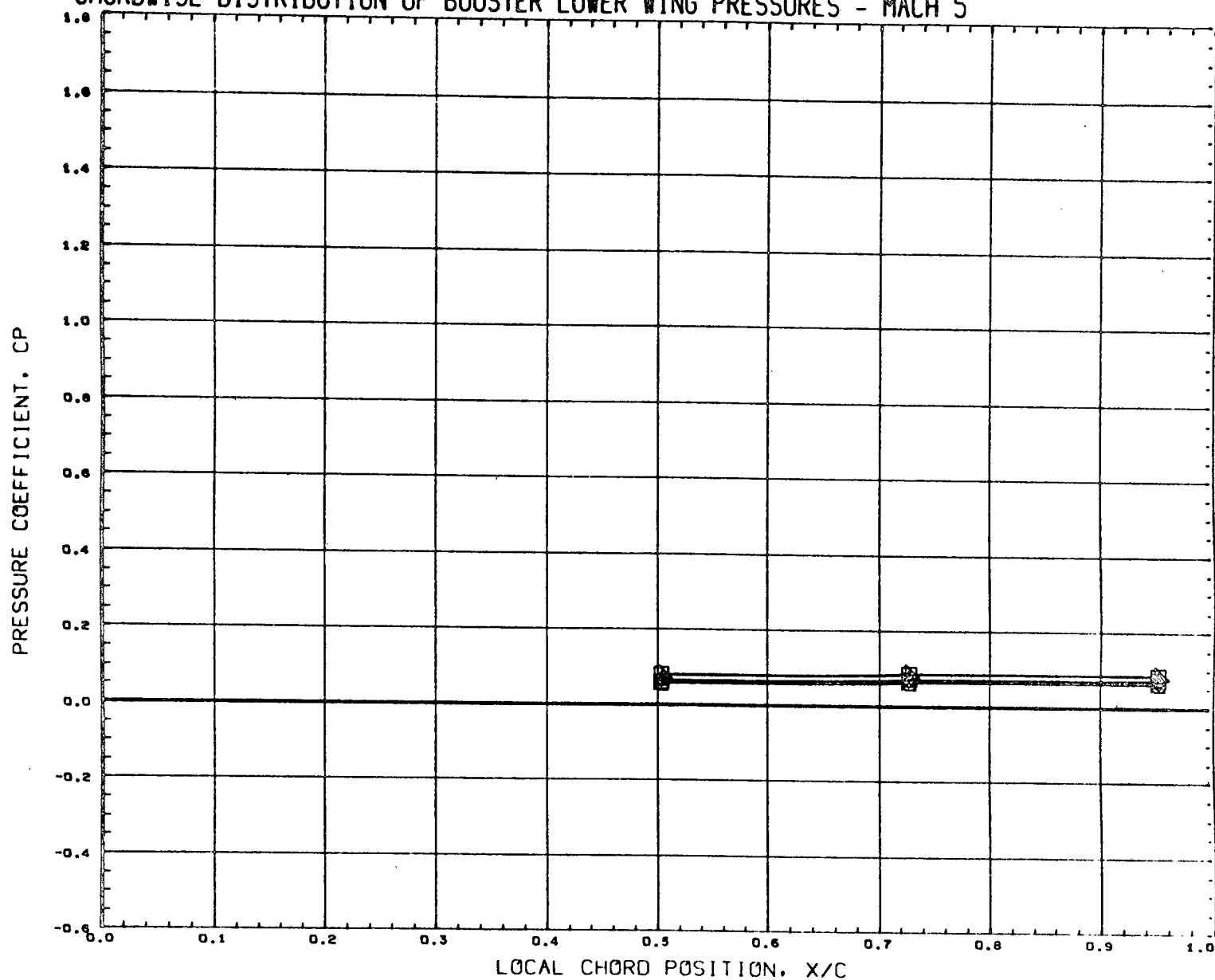


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.221	0.228
△	0.143		
◇	0.020		
□	0.103		
◇	0.227		
□	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA	5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350	REFERENCE FILE	

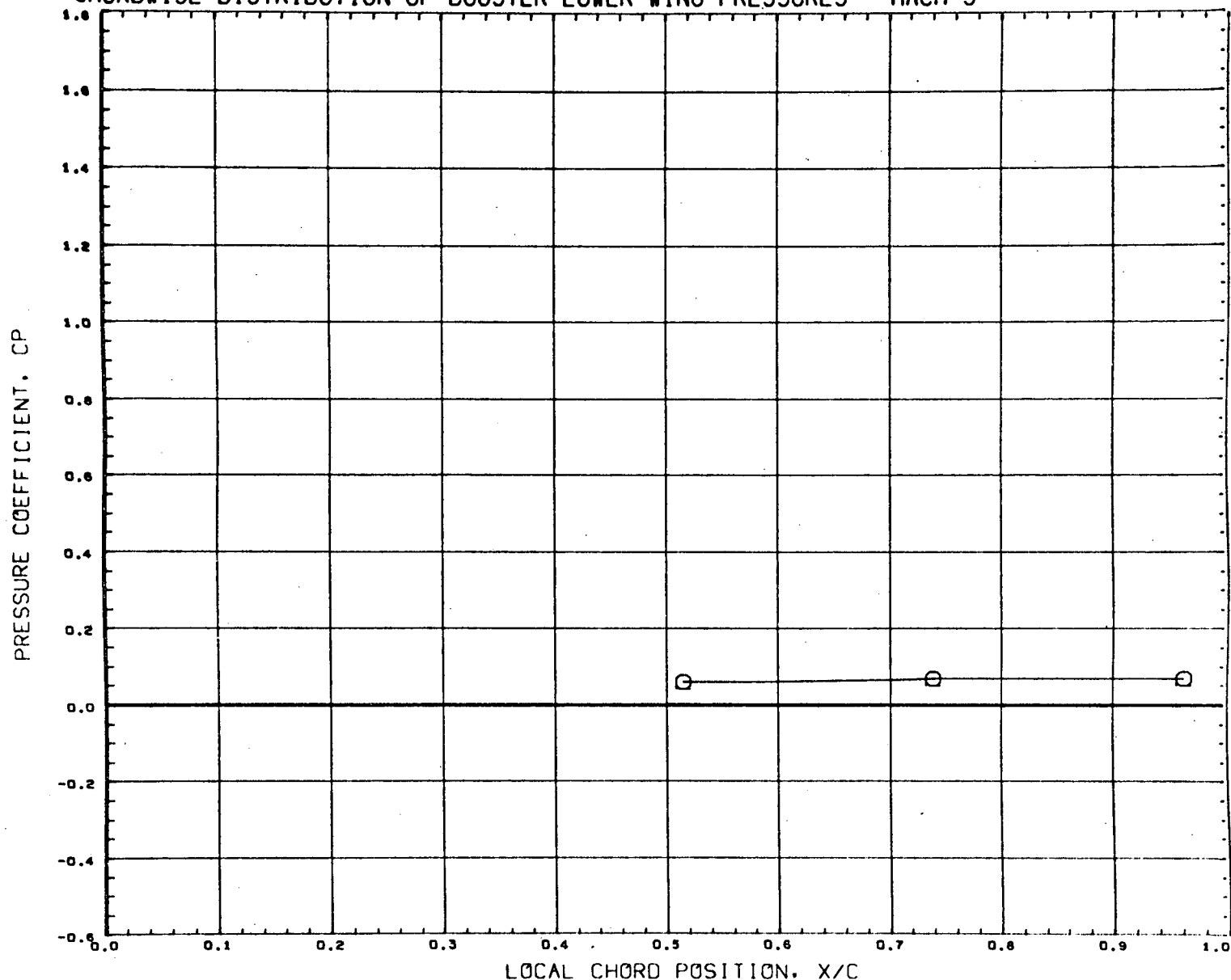
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.221 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 5.090
 MACH 4.940 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 50.000

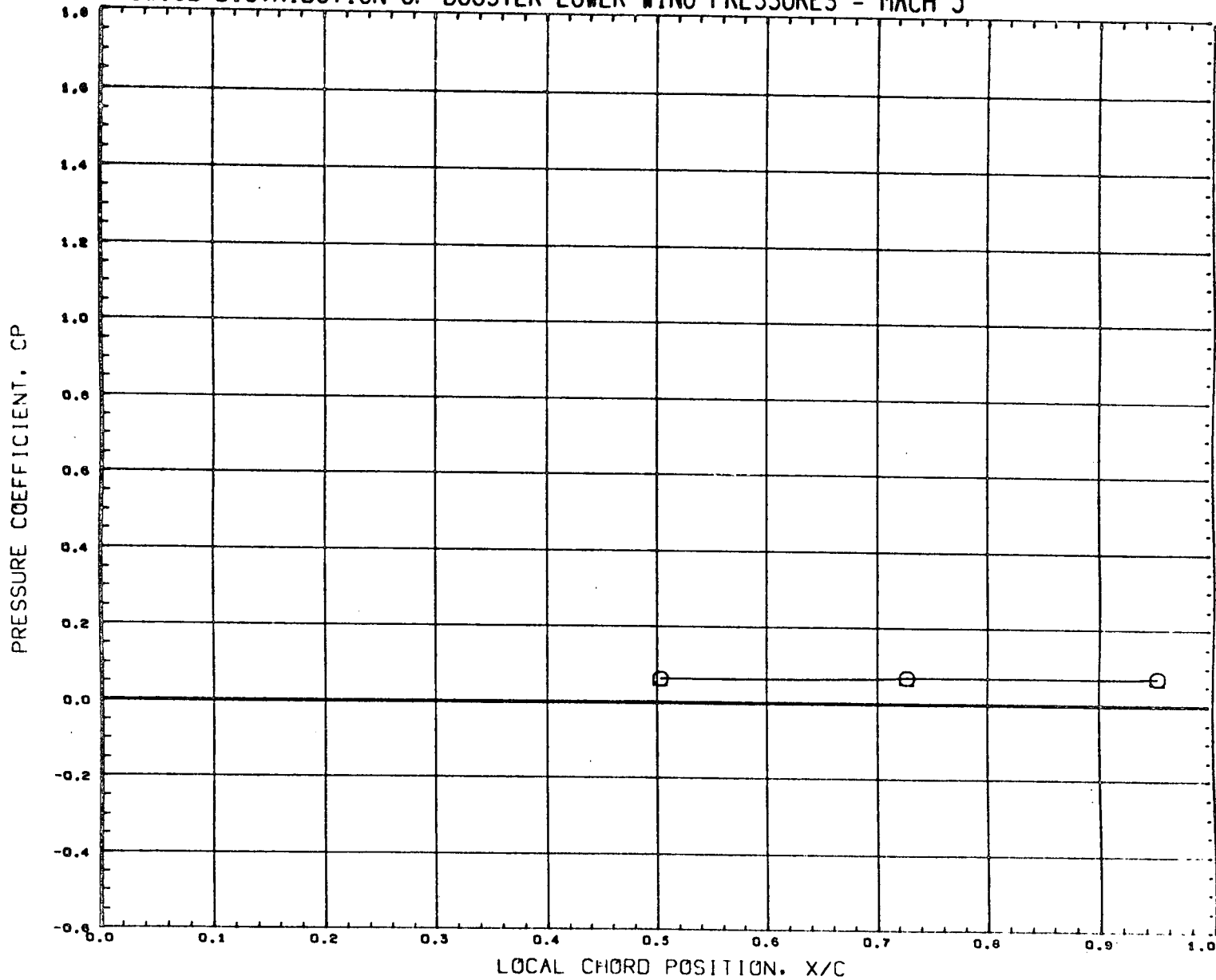
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
()	0.320	0.359	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

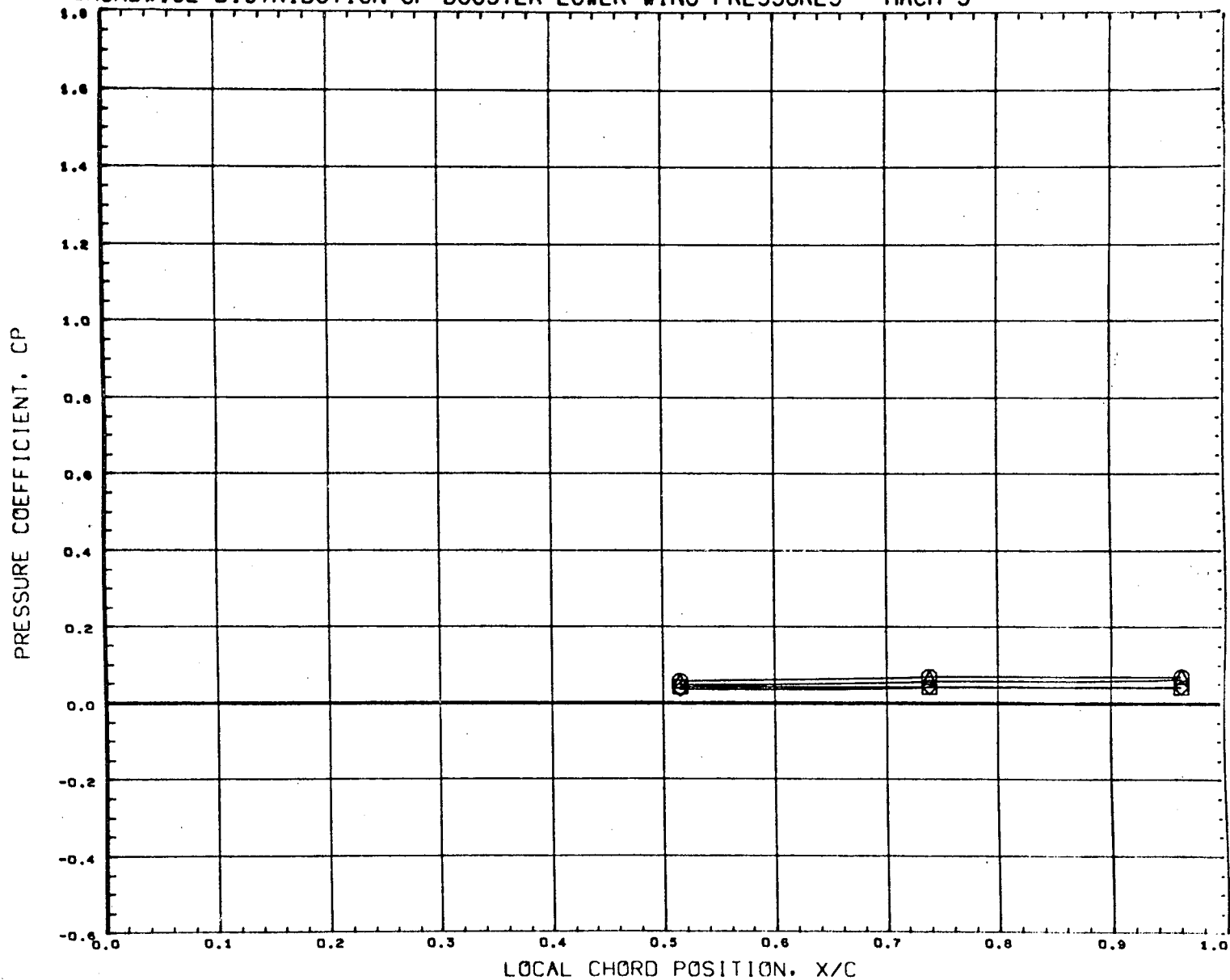
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

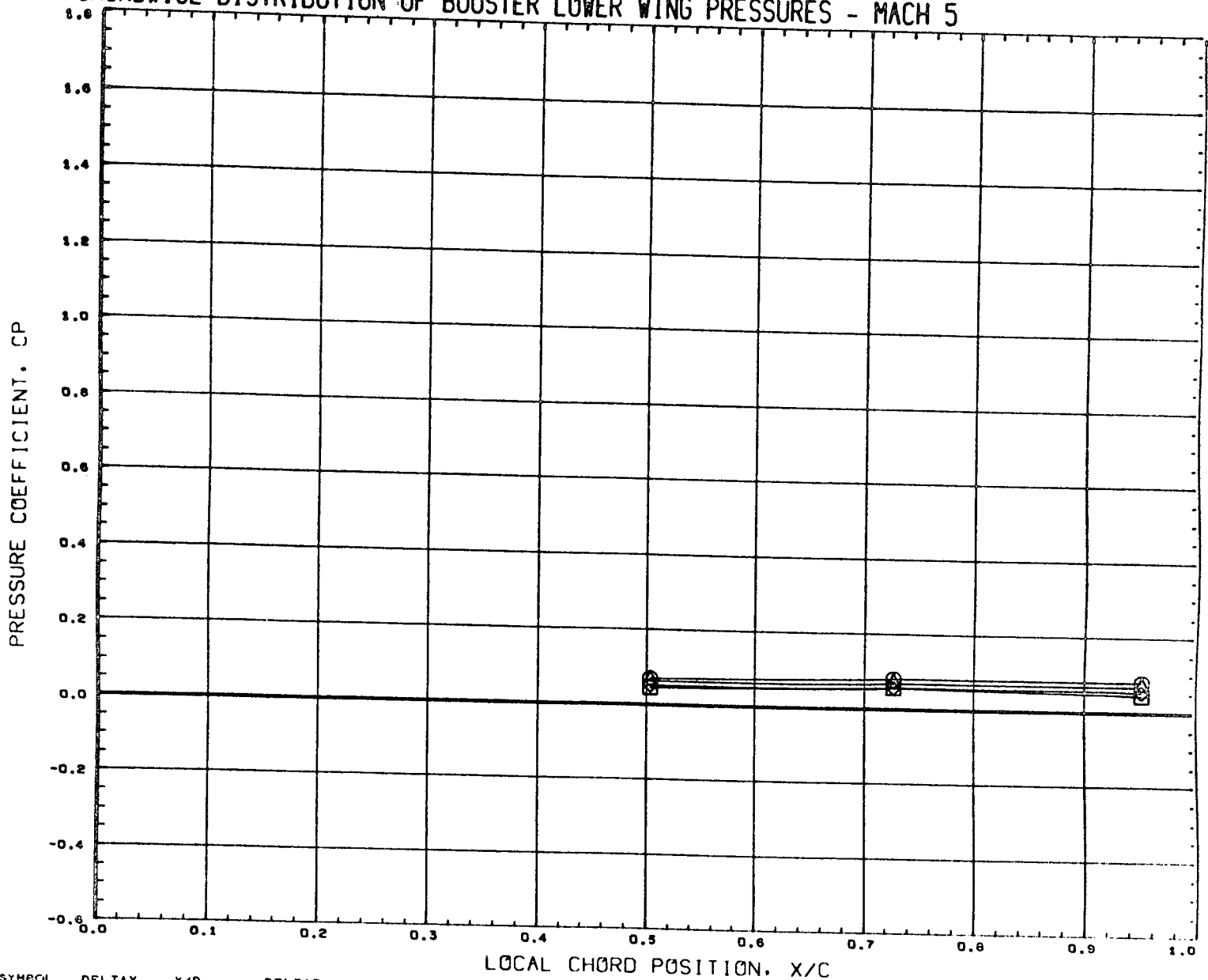
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.163		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

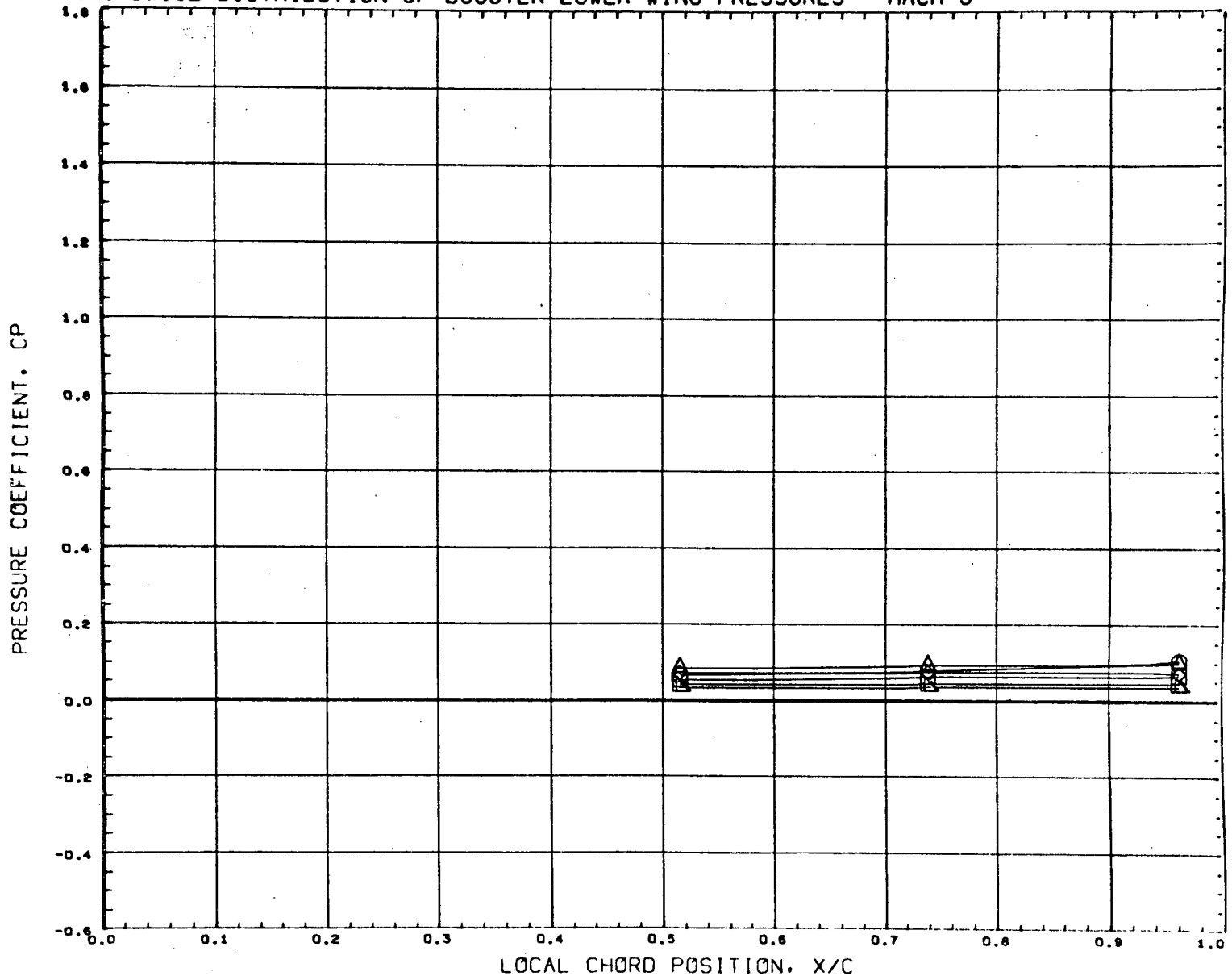
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

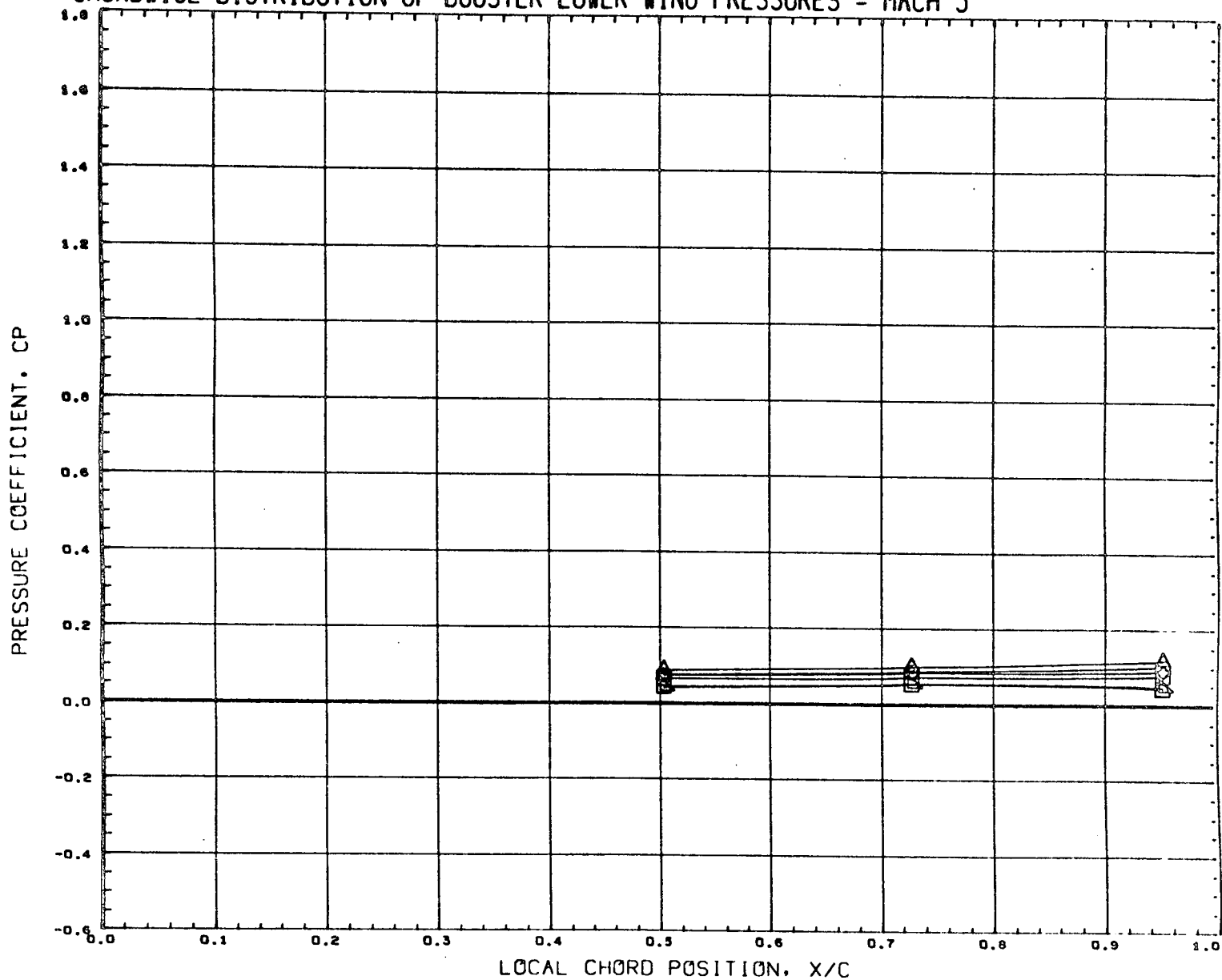


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
◊	0.103		
◡	0.227		
◢	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

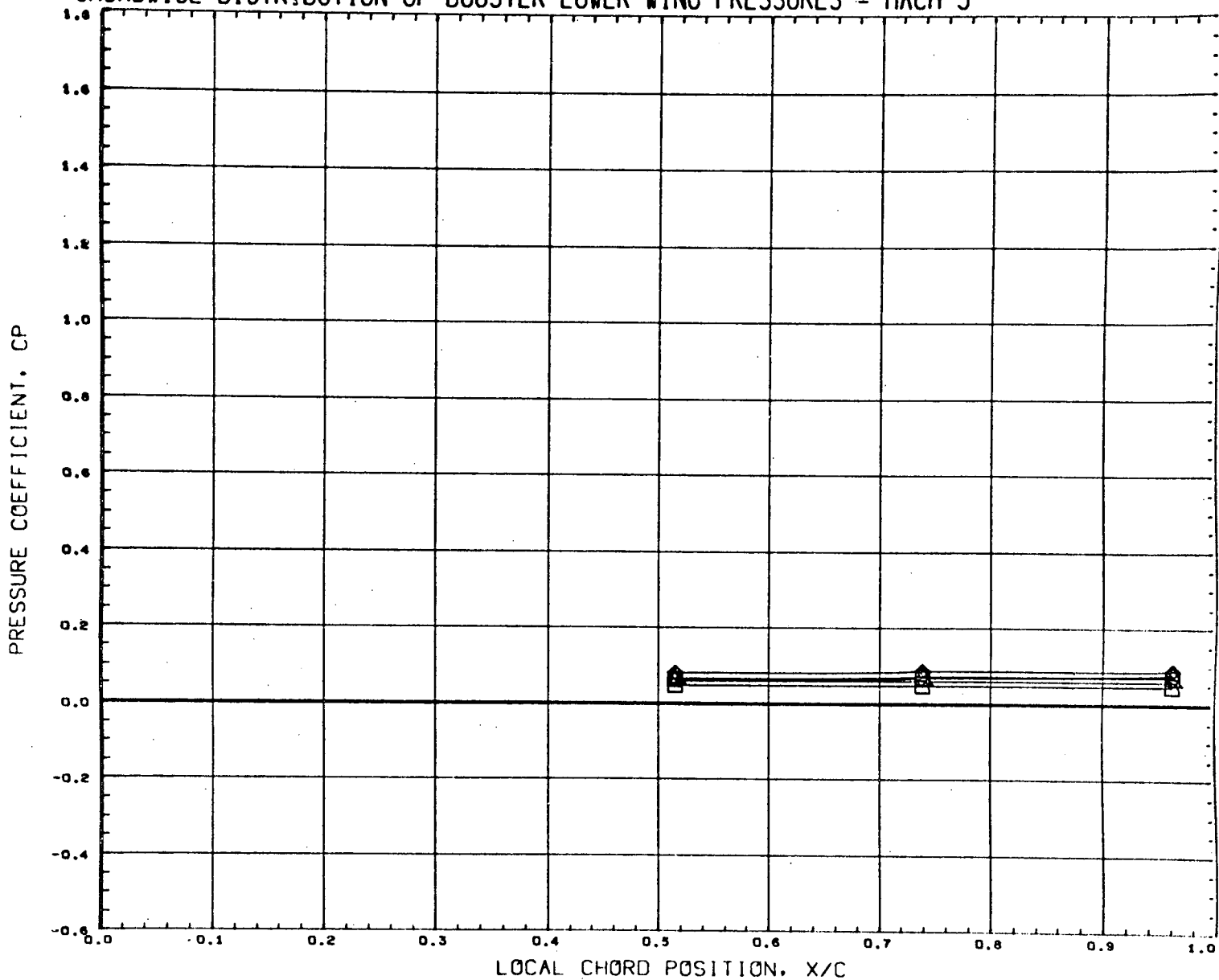
CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.221	0.151
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

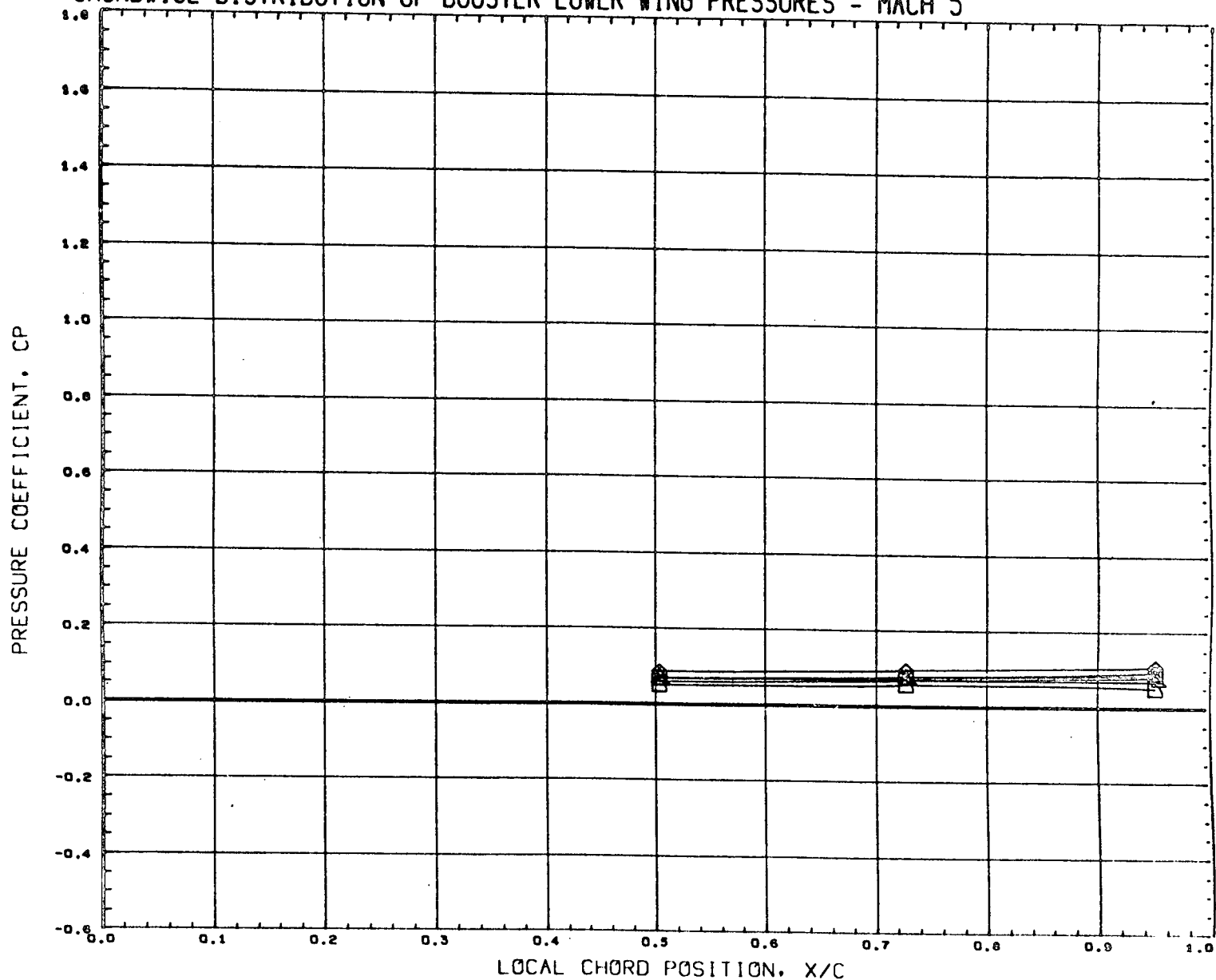
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

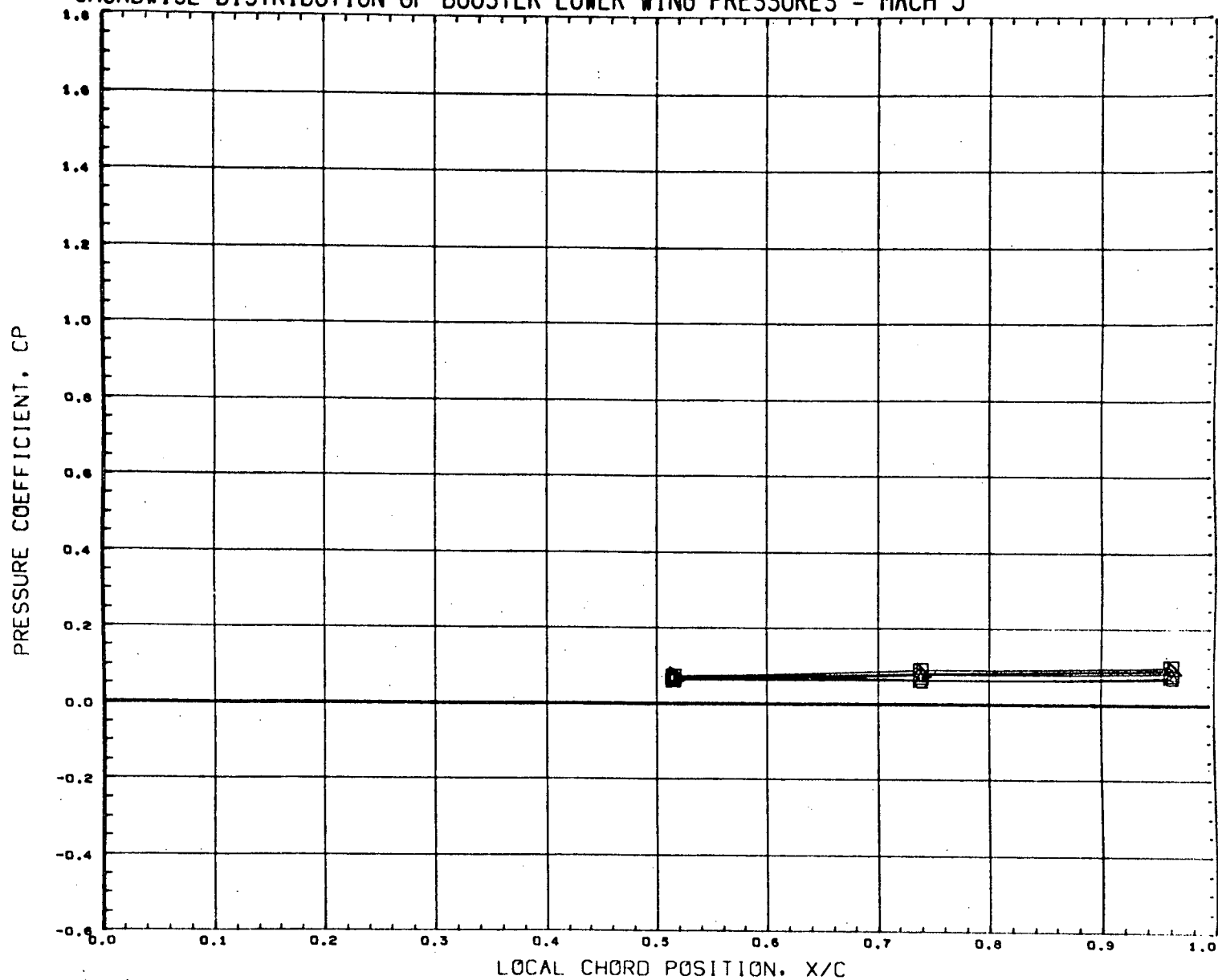


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.359	0.151
◇	0.143		
◇	0.020		
◇	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

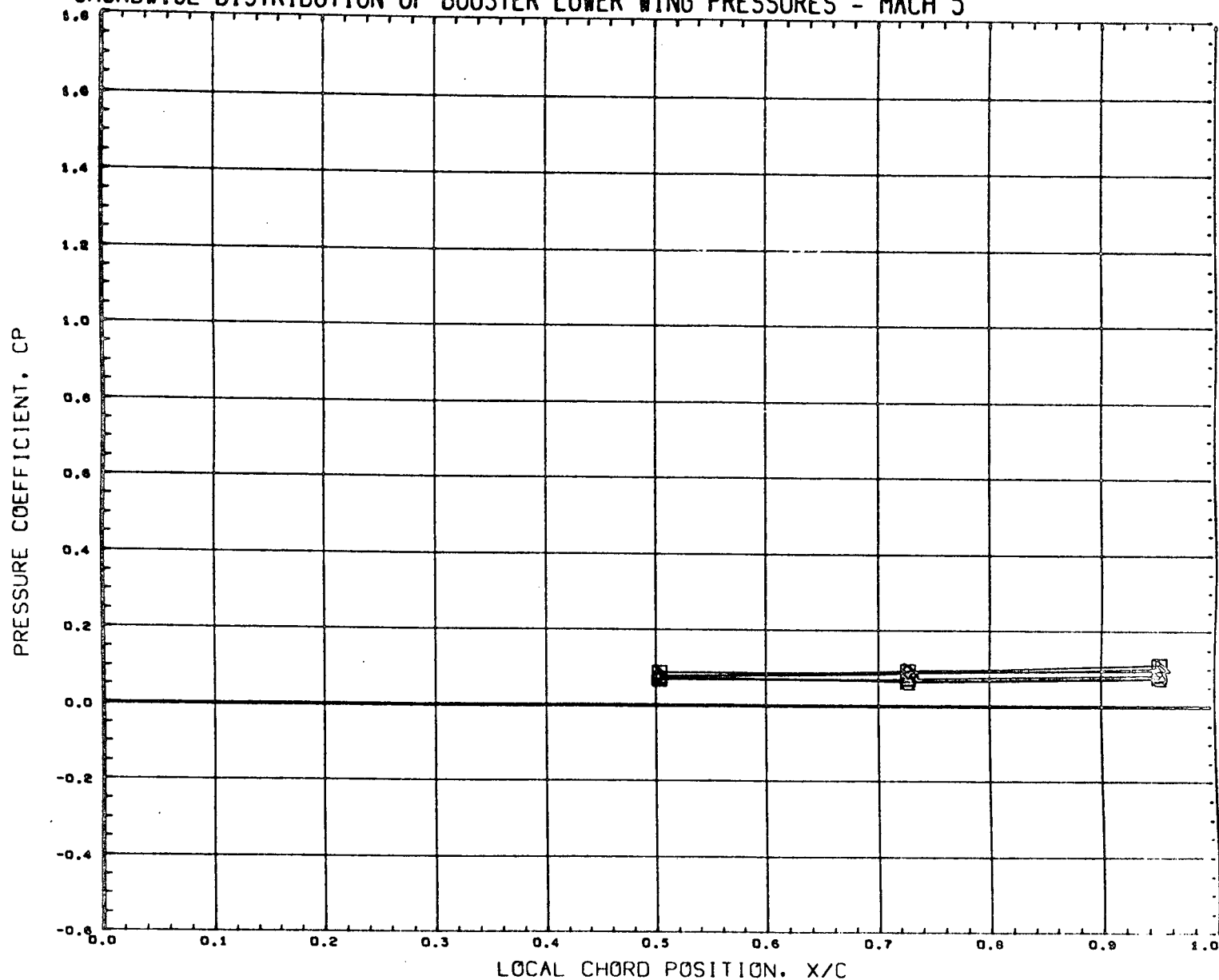


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

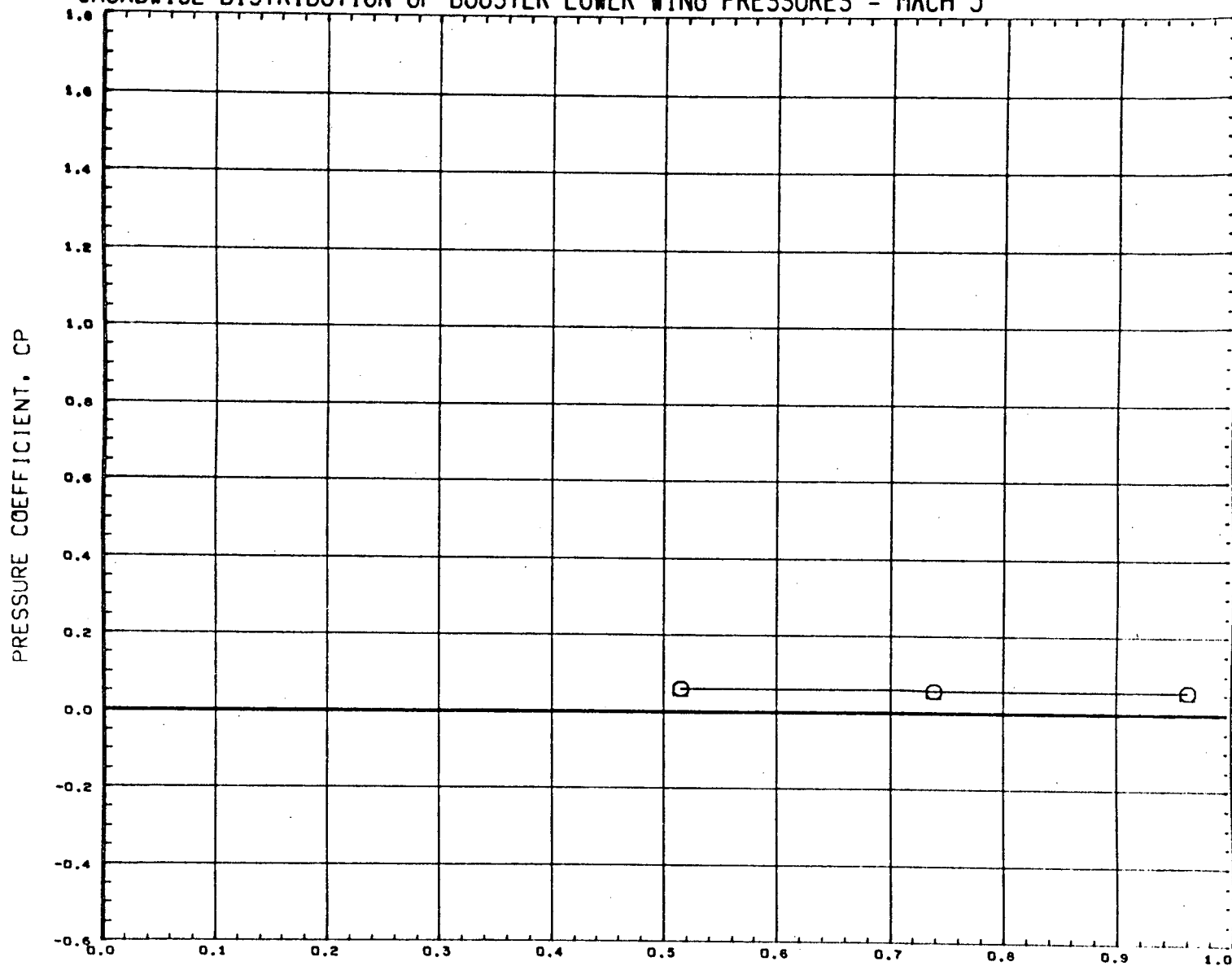


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.359	0.228
-	0.143		
-	0.020		
-	0.103		
-	0.227		
-	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.221 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHA8 0.039
 MACH 4.940 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 50.000

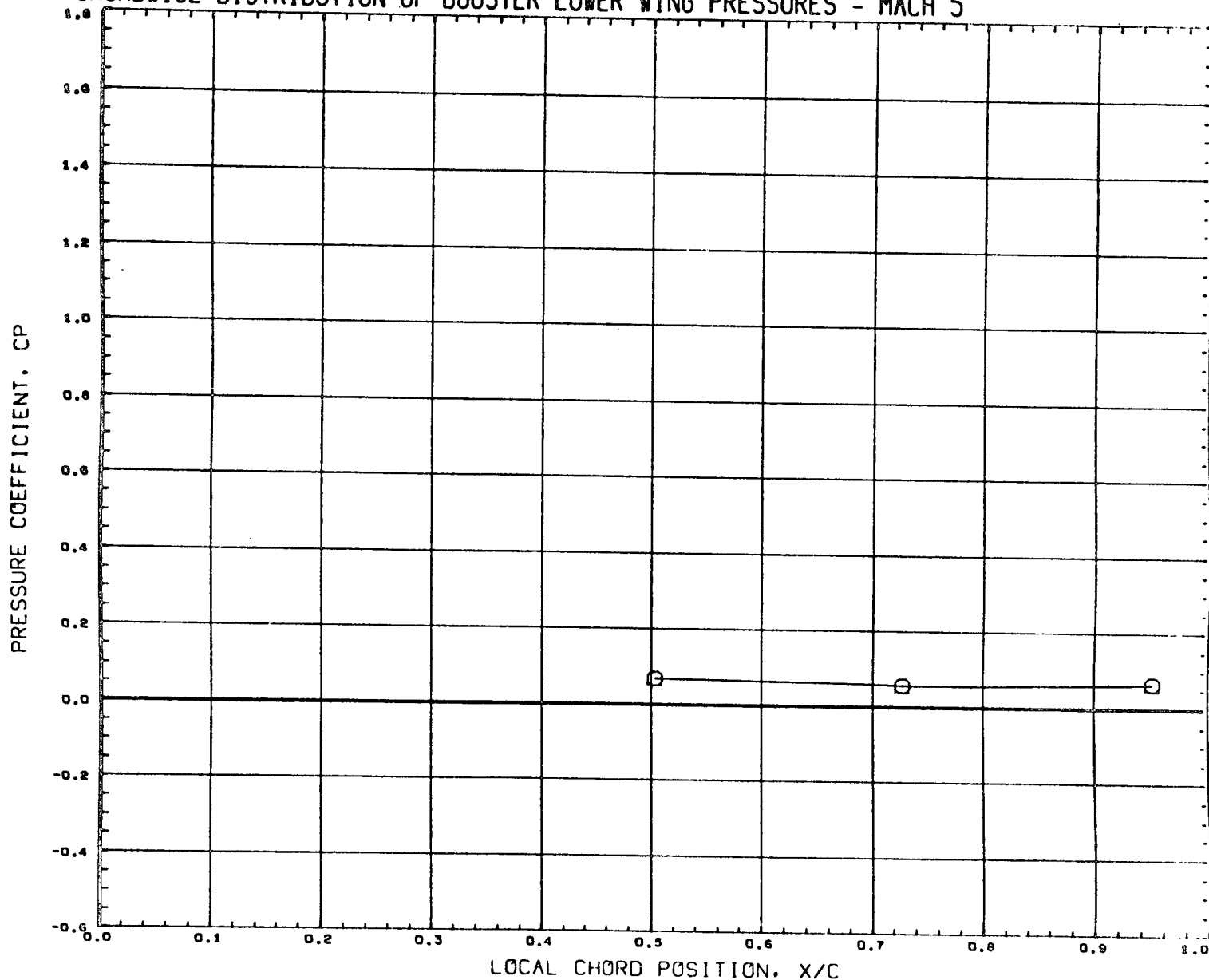
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL () DELTAX 0.520 Y/B 0.359 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.039
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

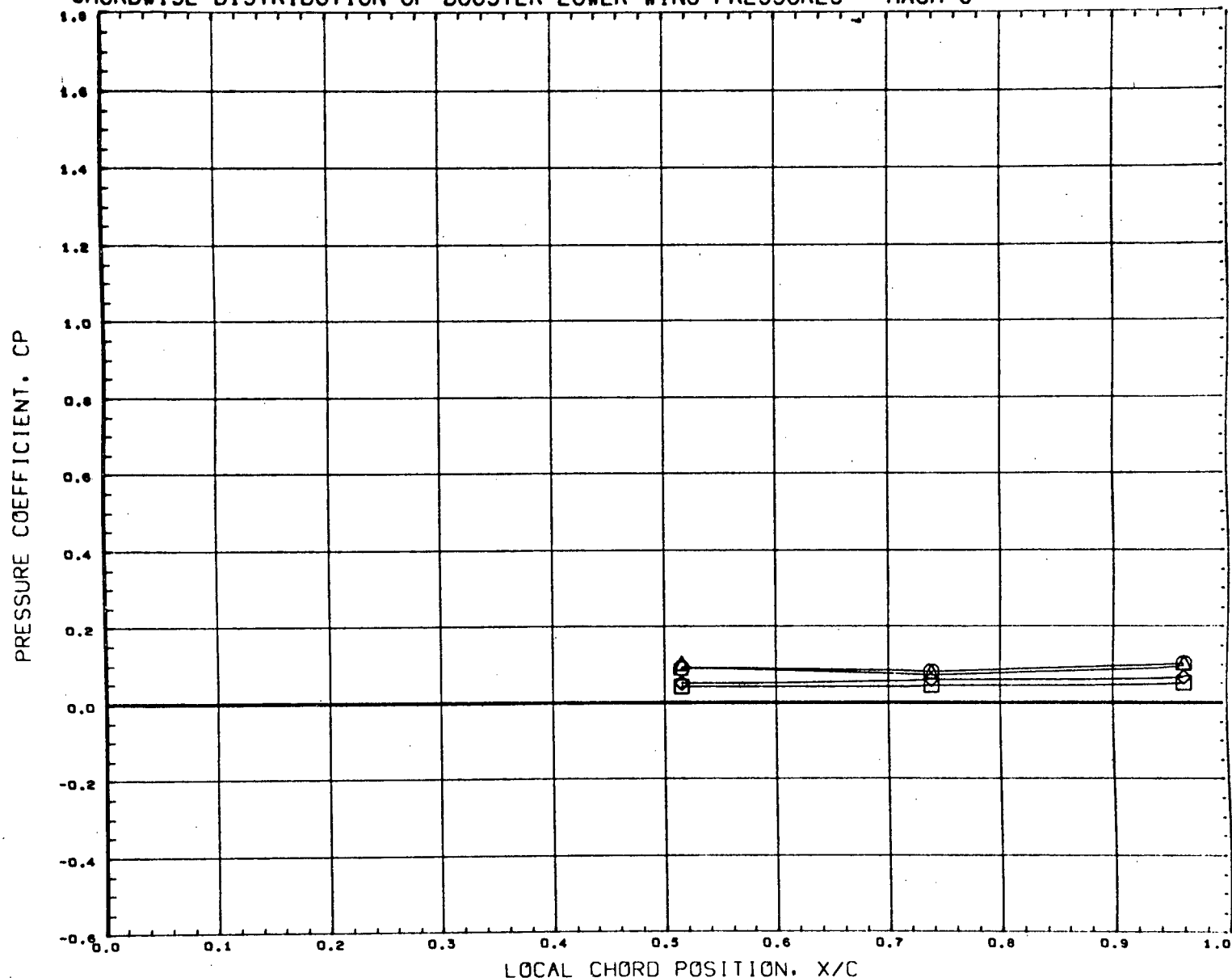
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

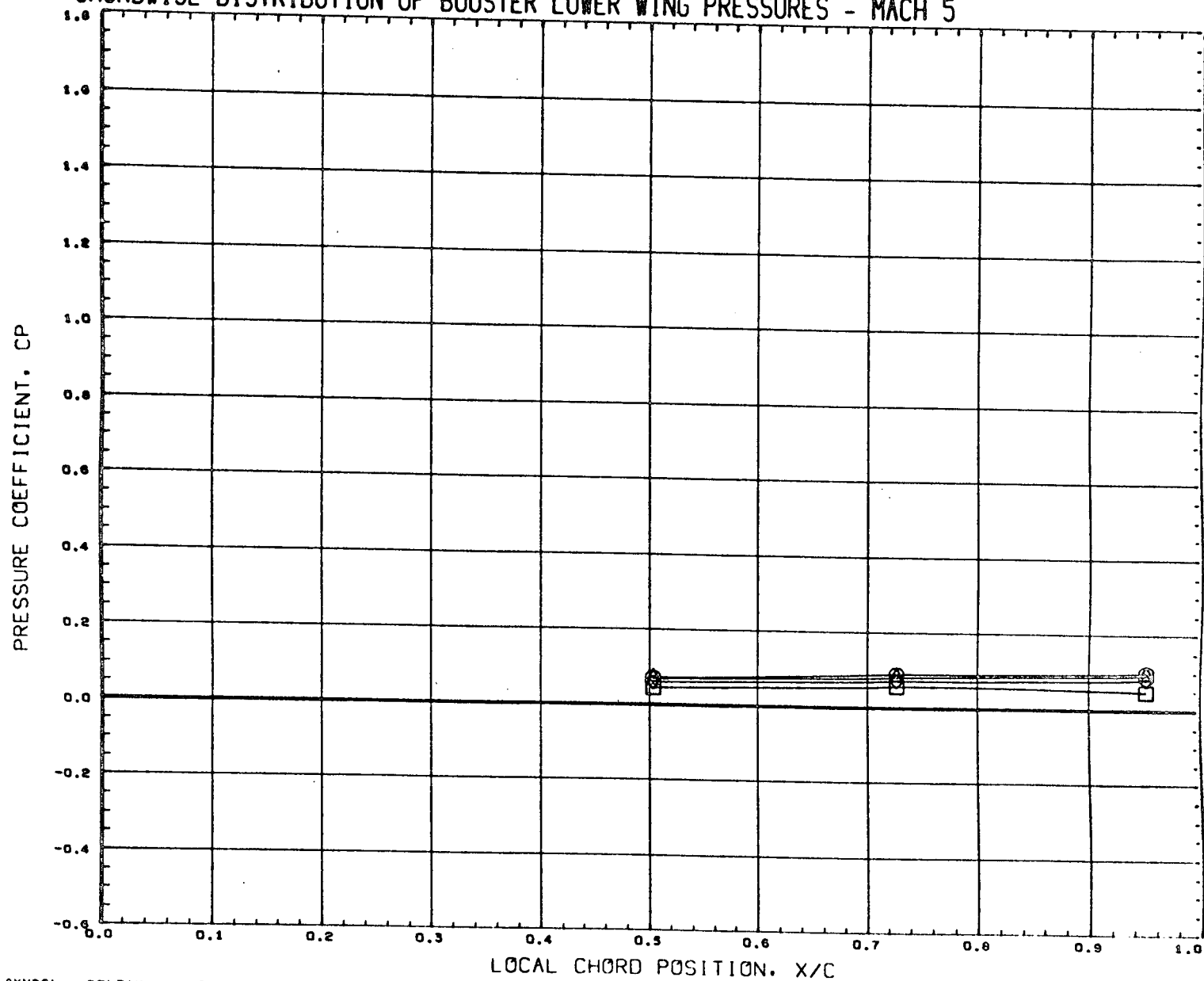
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

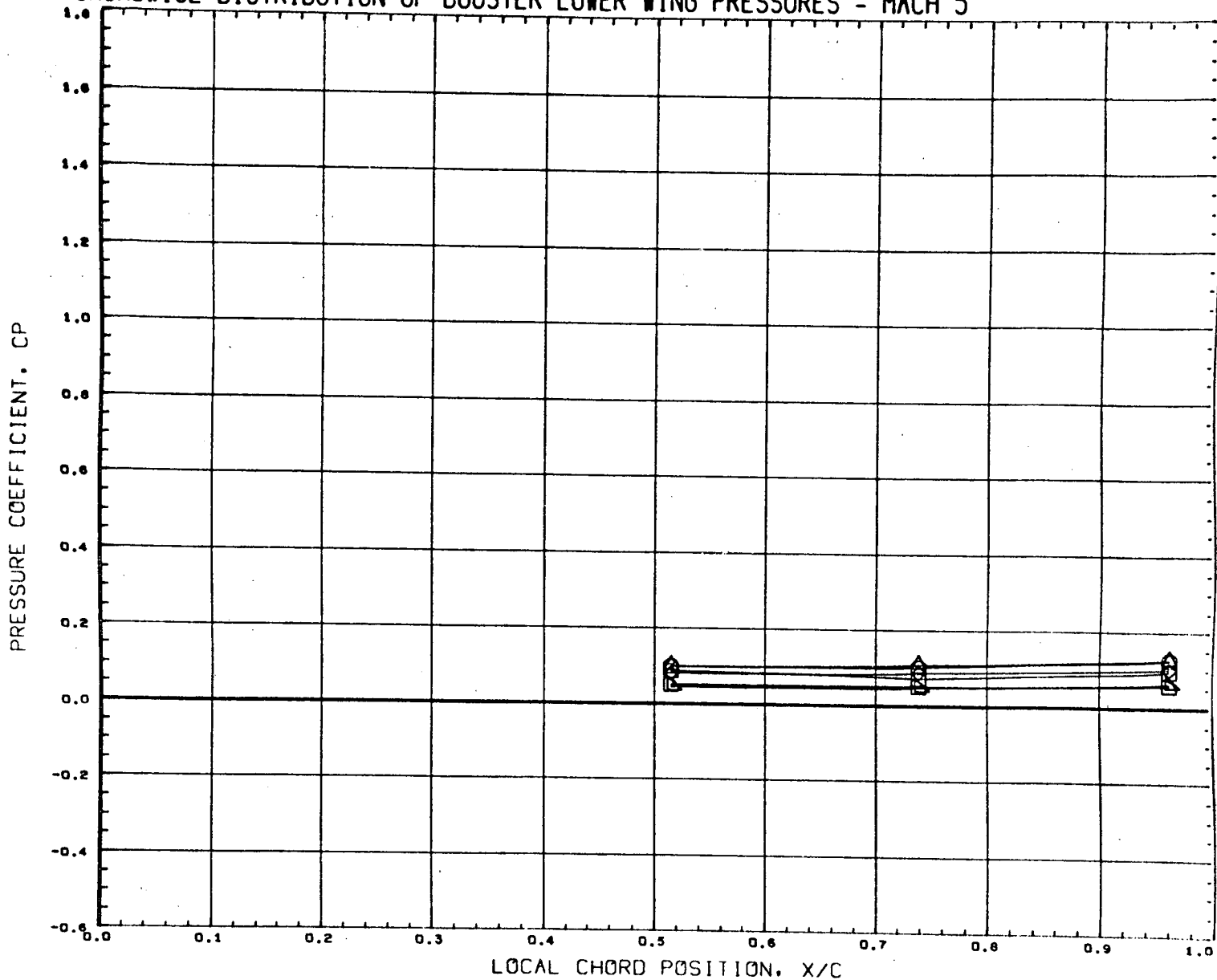
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

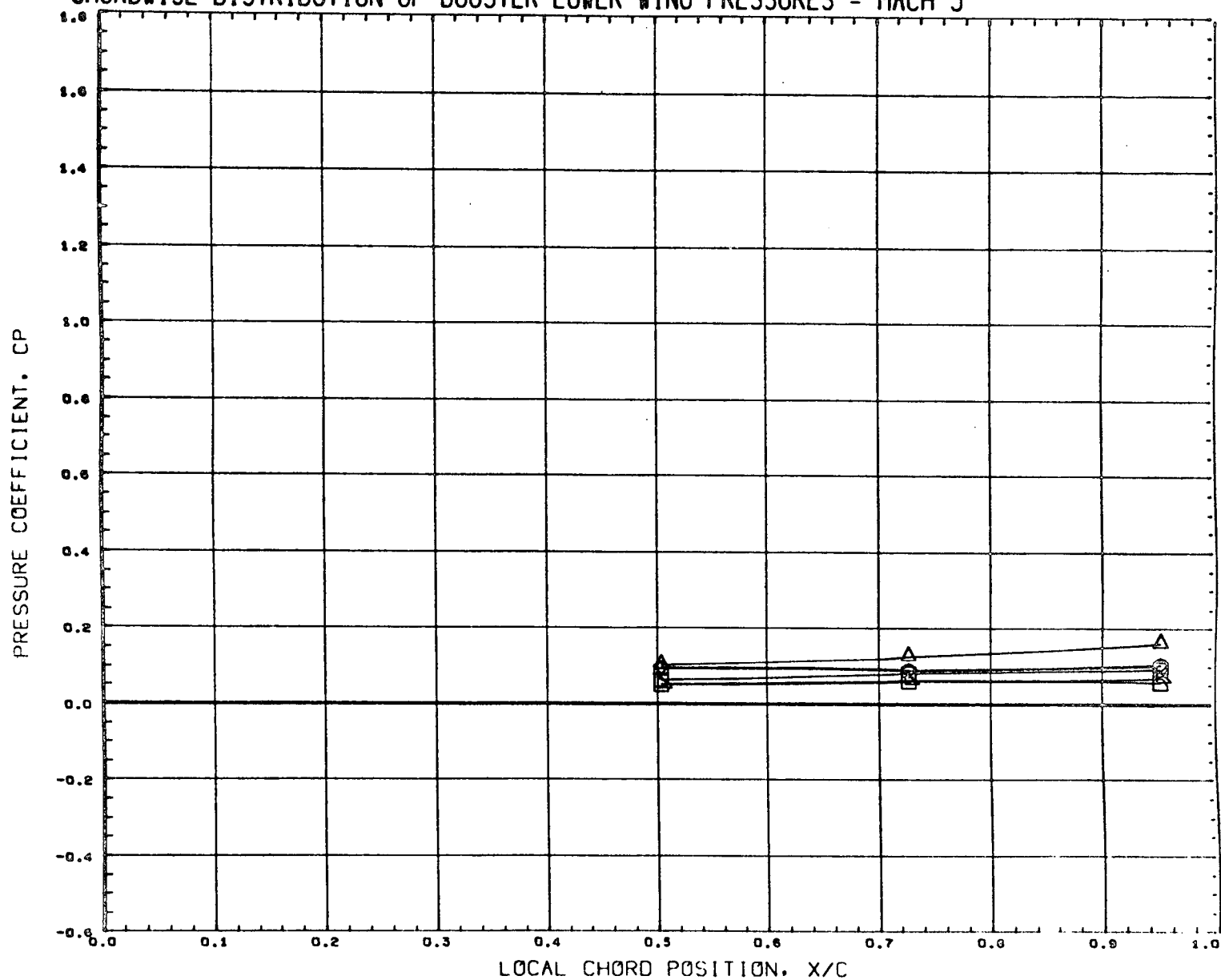
PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	5.067
MACH	4.940	ALPHA _I	0.000
GRBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

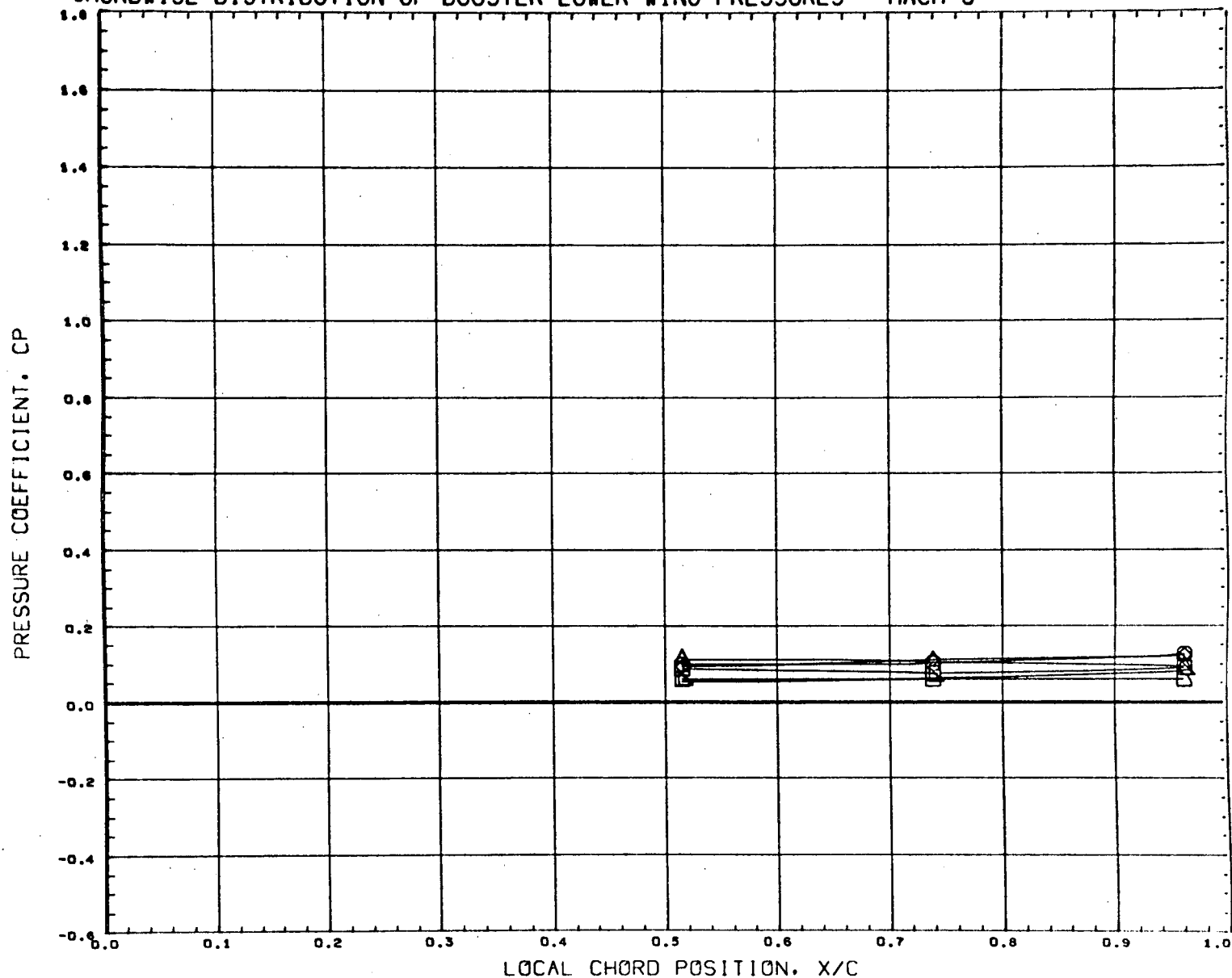


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.087
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

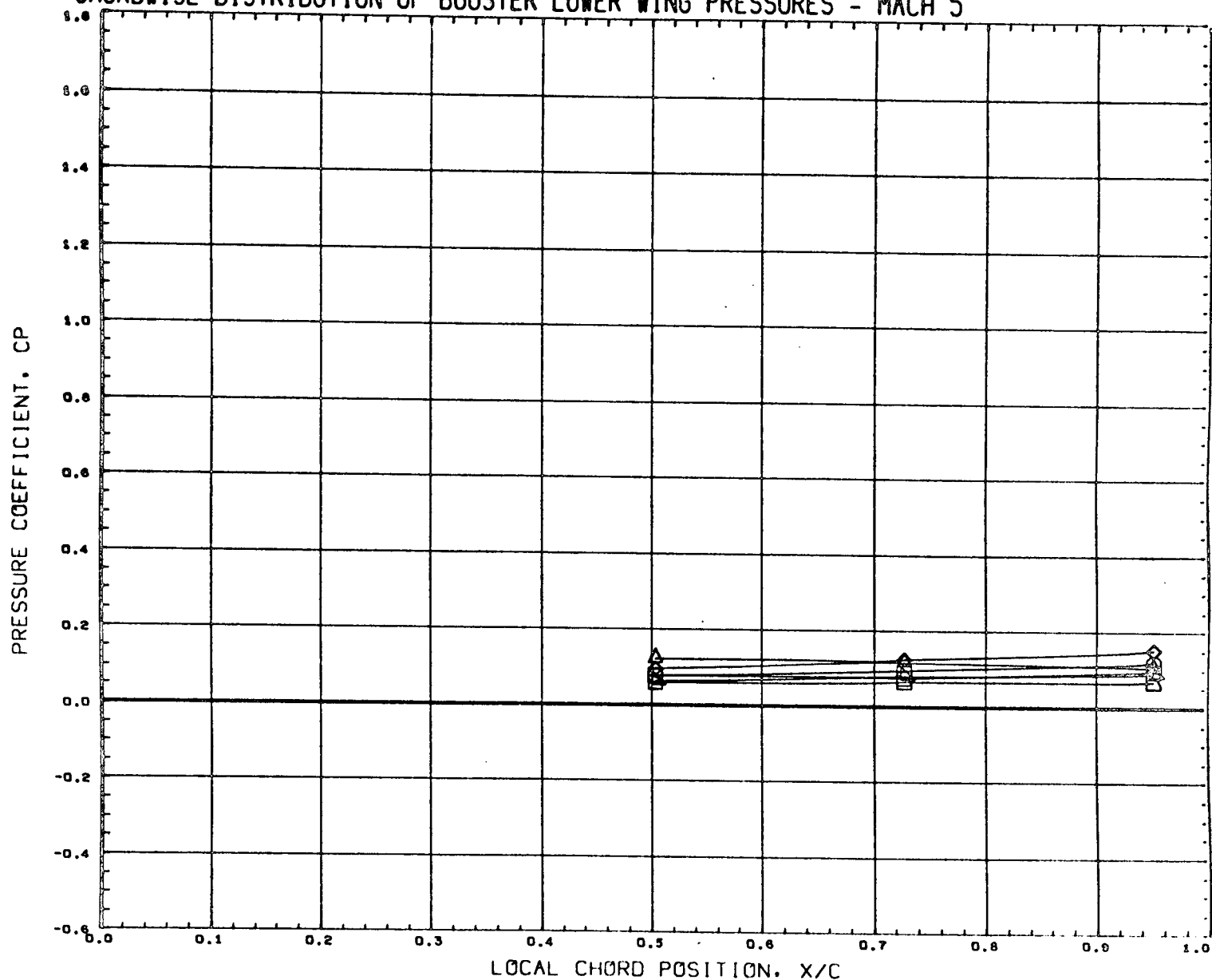


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
◻	0.103		
◼	0.227		
◽	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAD	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

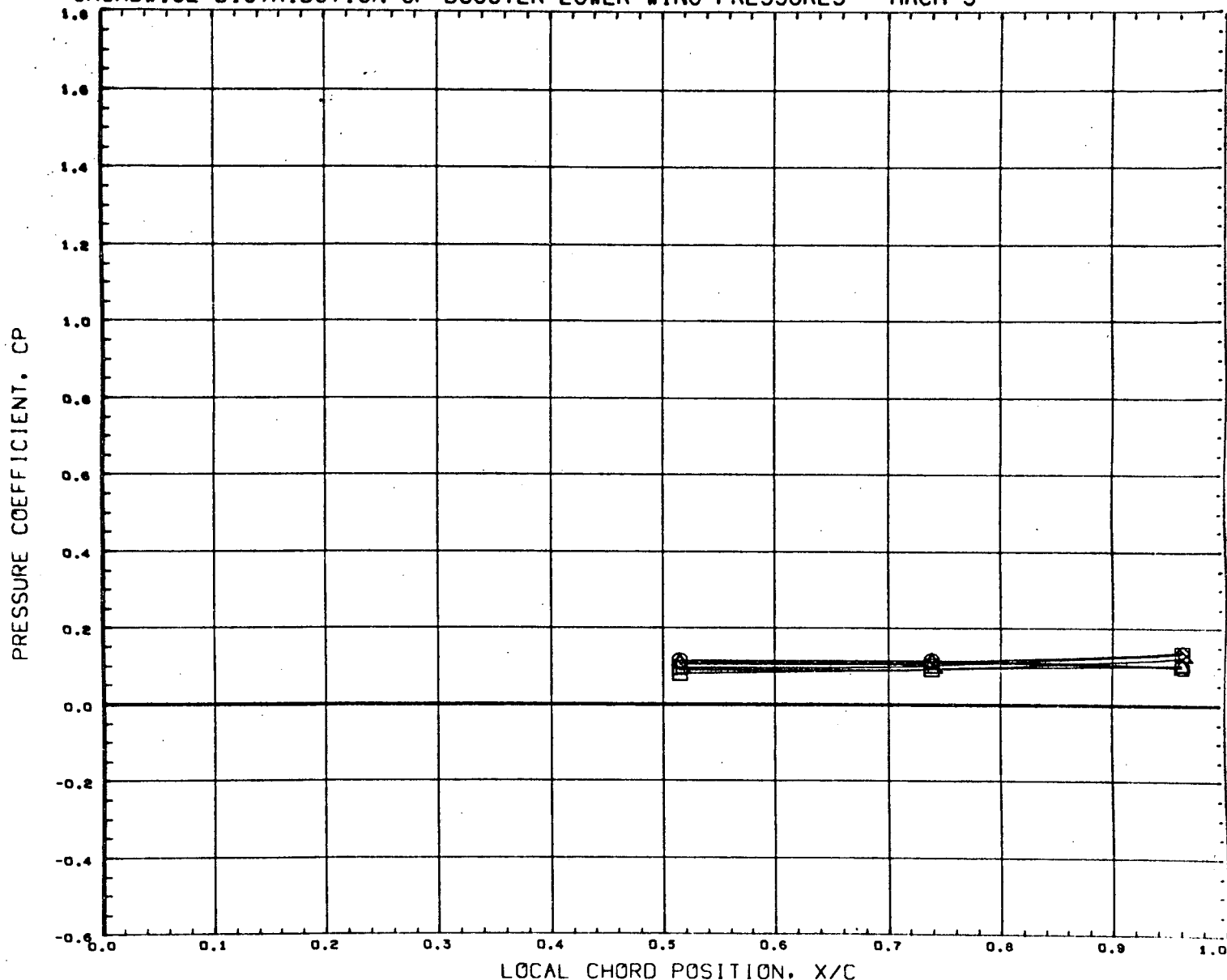


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.359	0.151
-	0.143		
-	0.020		
-	0.103		
-	0.227		
-	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

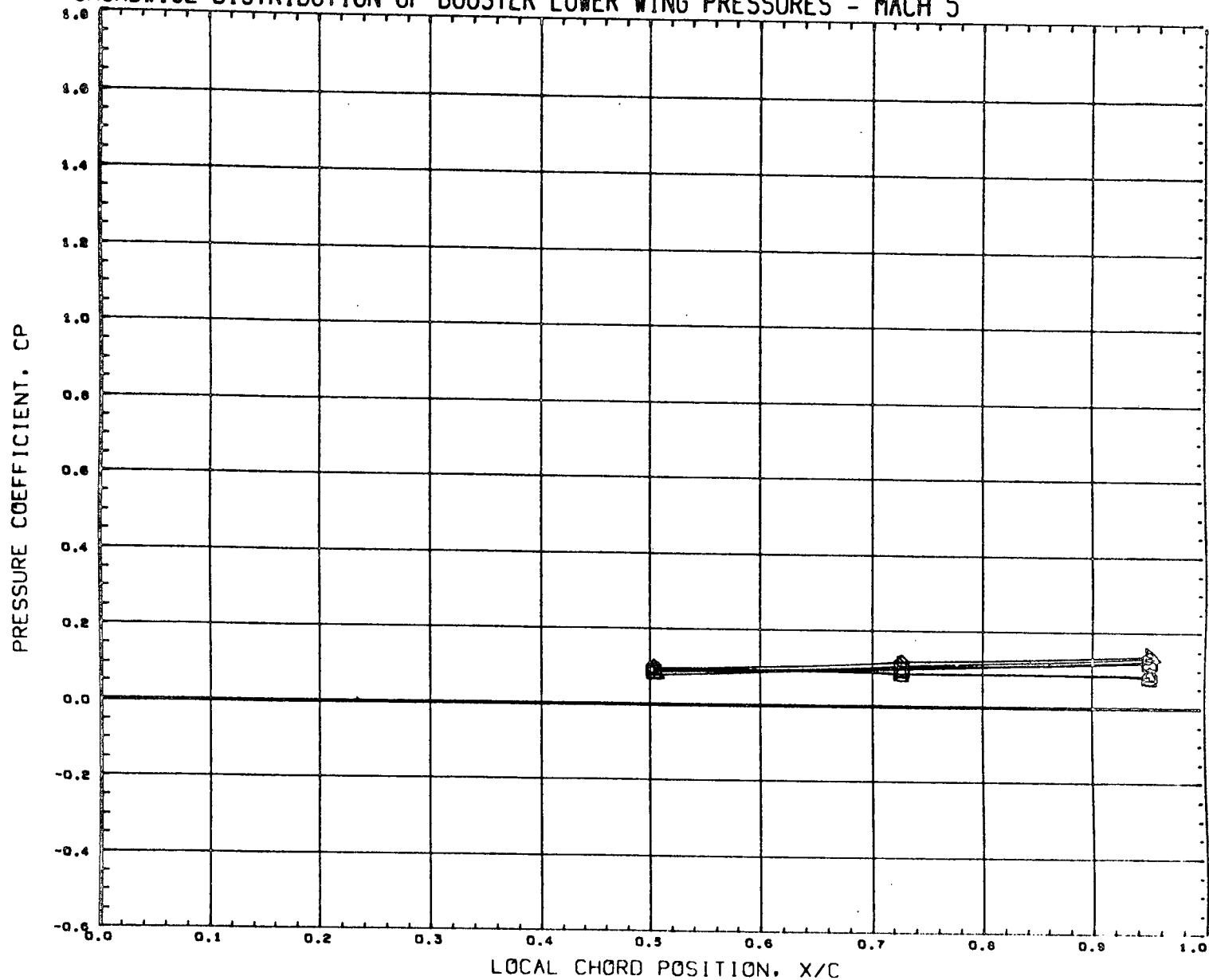
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

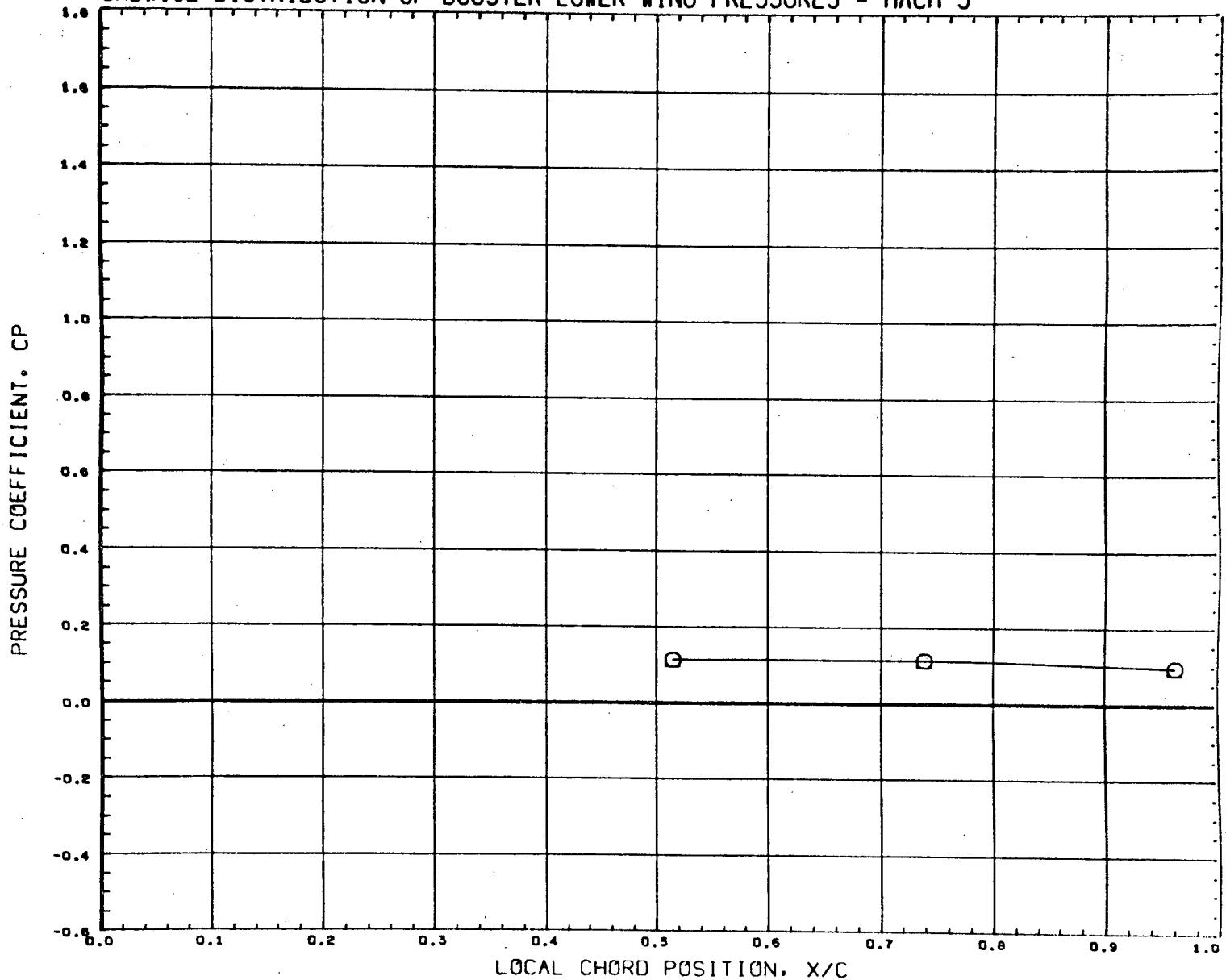


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.359	0.228
◇	0.143		
◇	0.020		
◇	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.067
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.221 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.067
 MACH 4.940 ALPHA I 0.000
 ORBPOW 100.000 BSTPOW 50.000

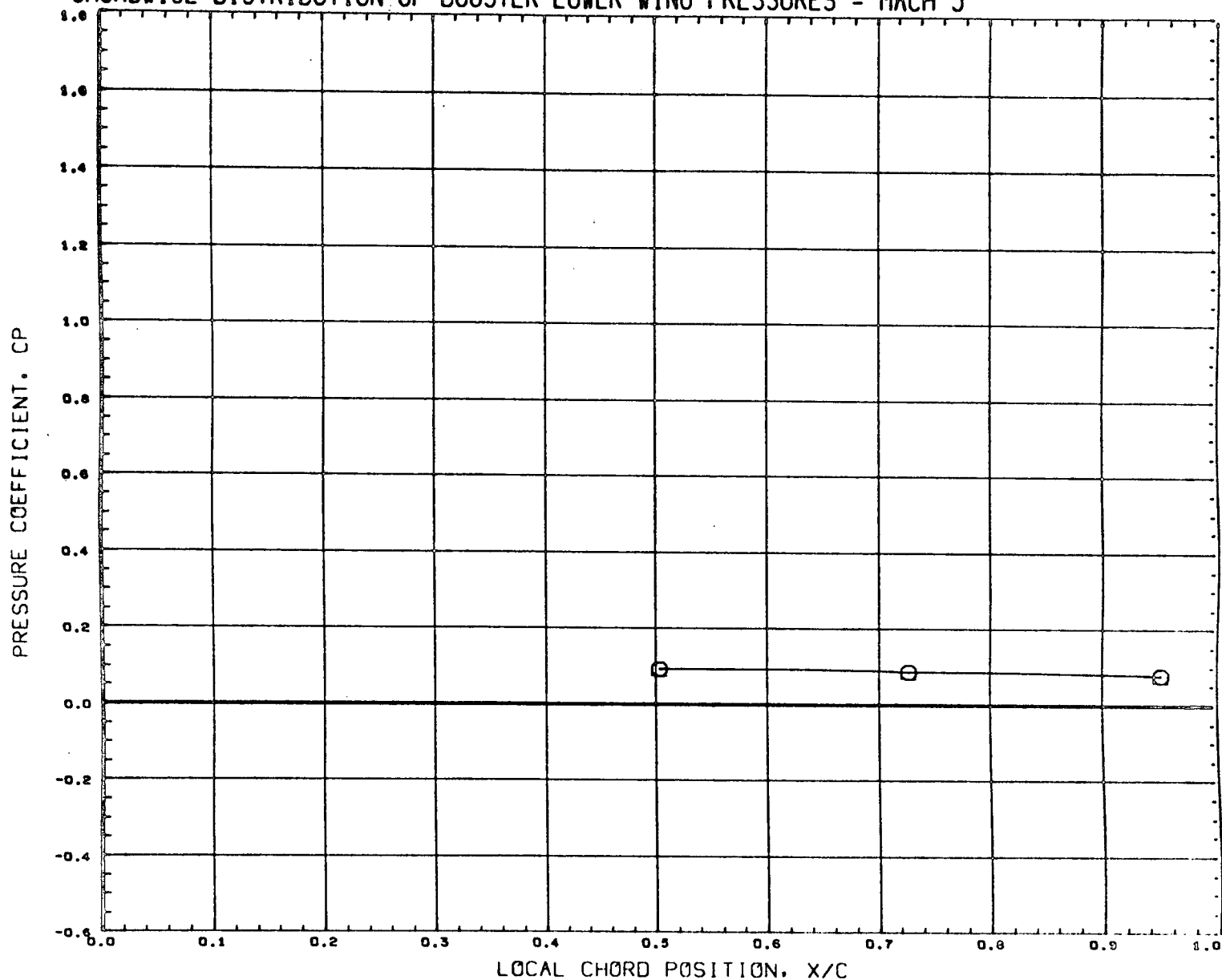
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.359	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

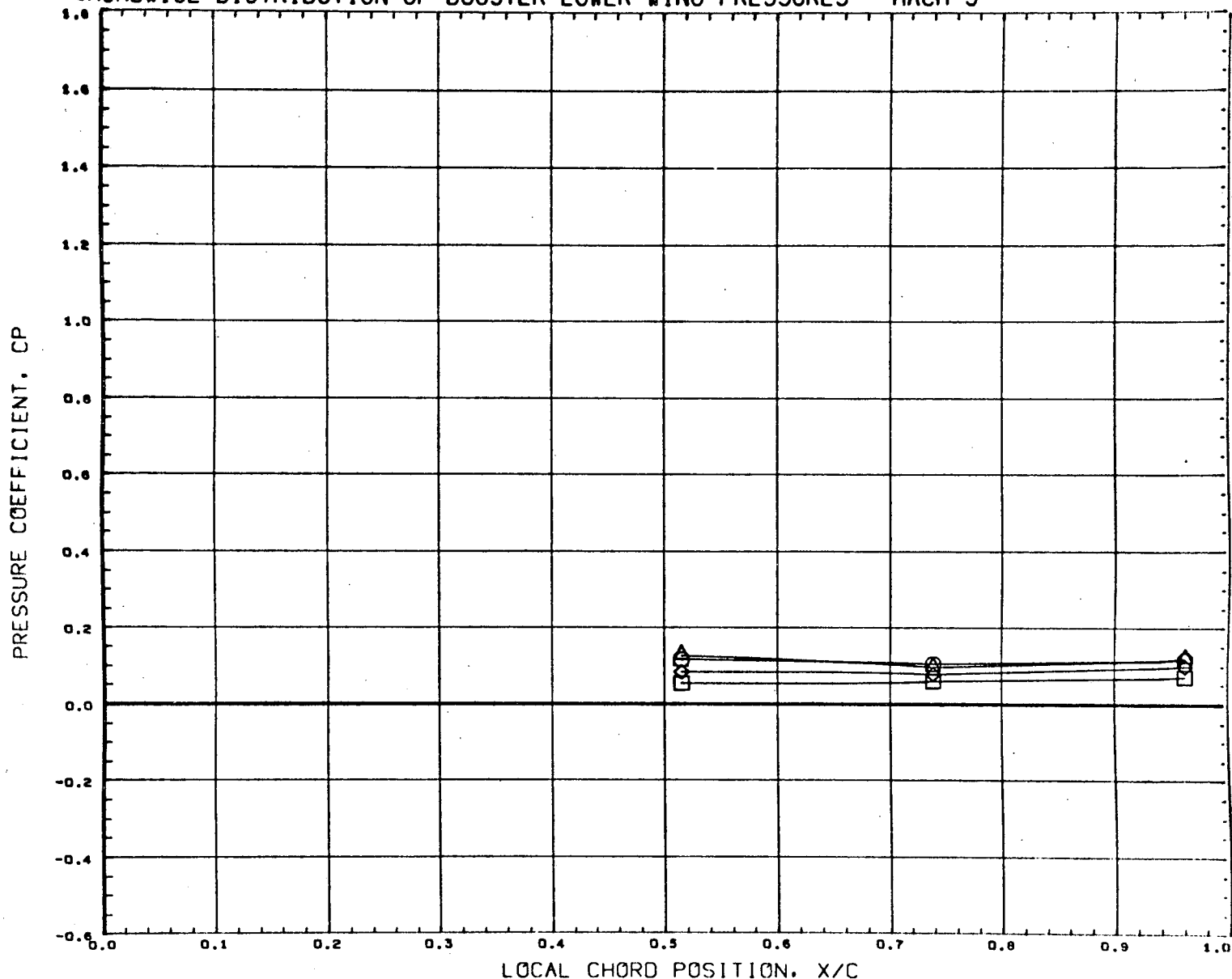
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.033
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

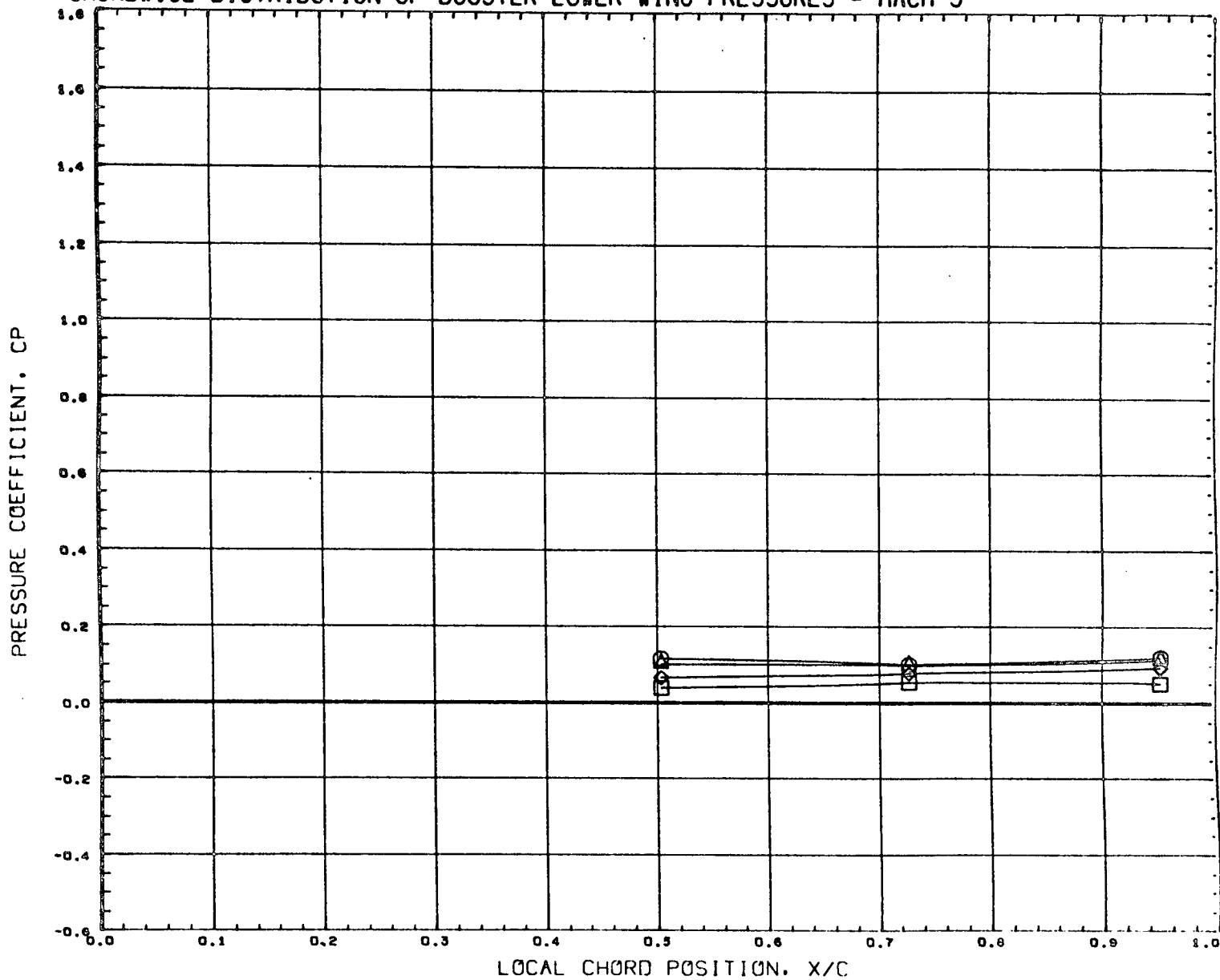
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

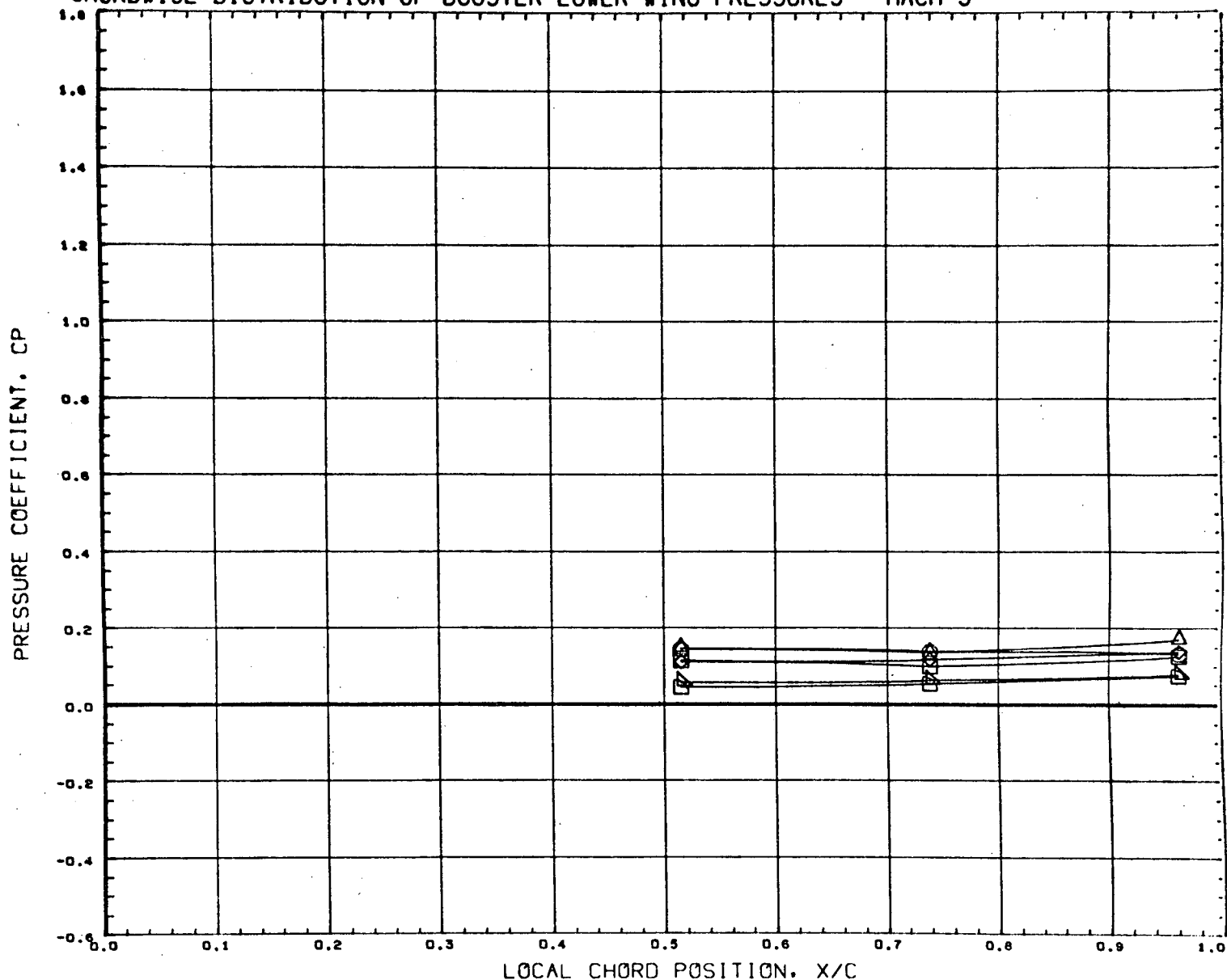
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

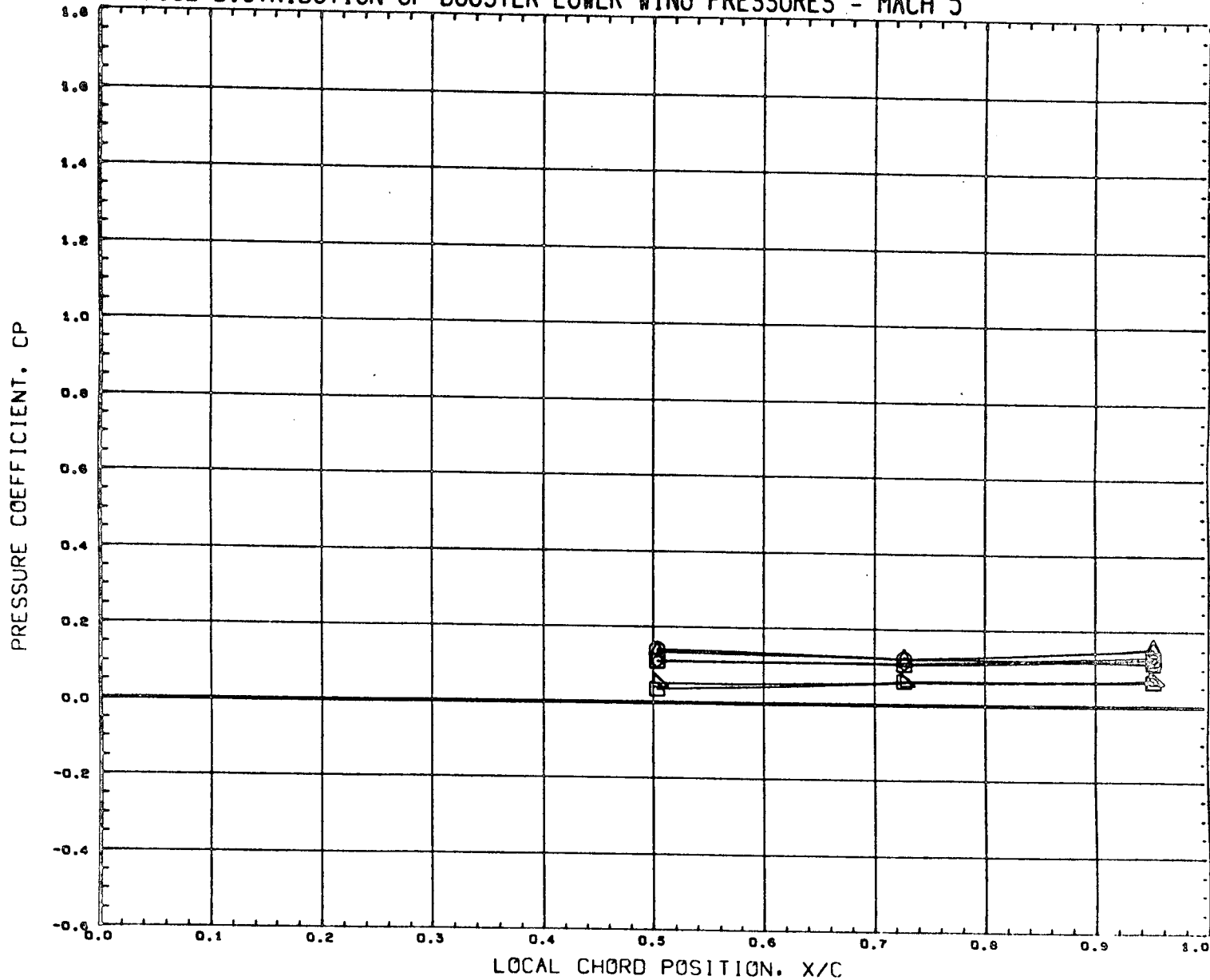


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.221	0.120
△	0.143		
◇	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▣	0.227		
▤	0.390		

REFERENCE FILE

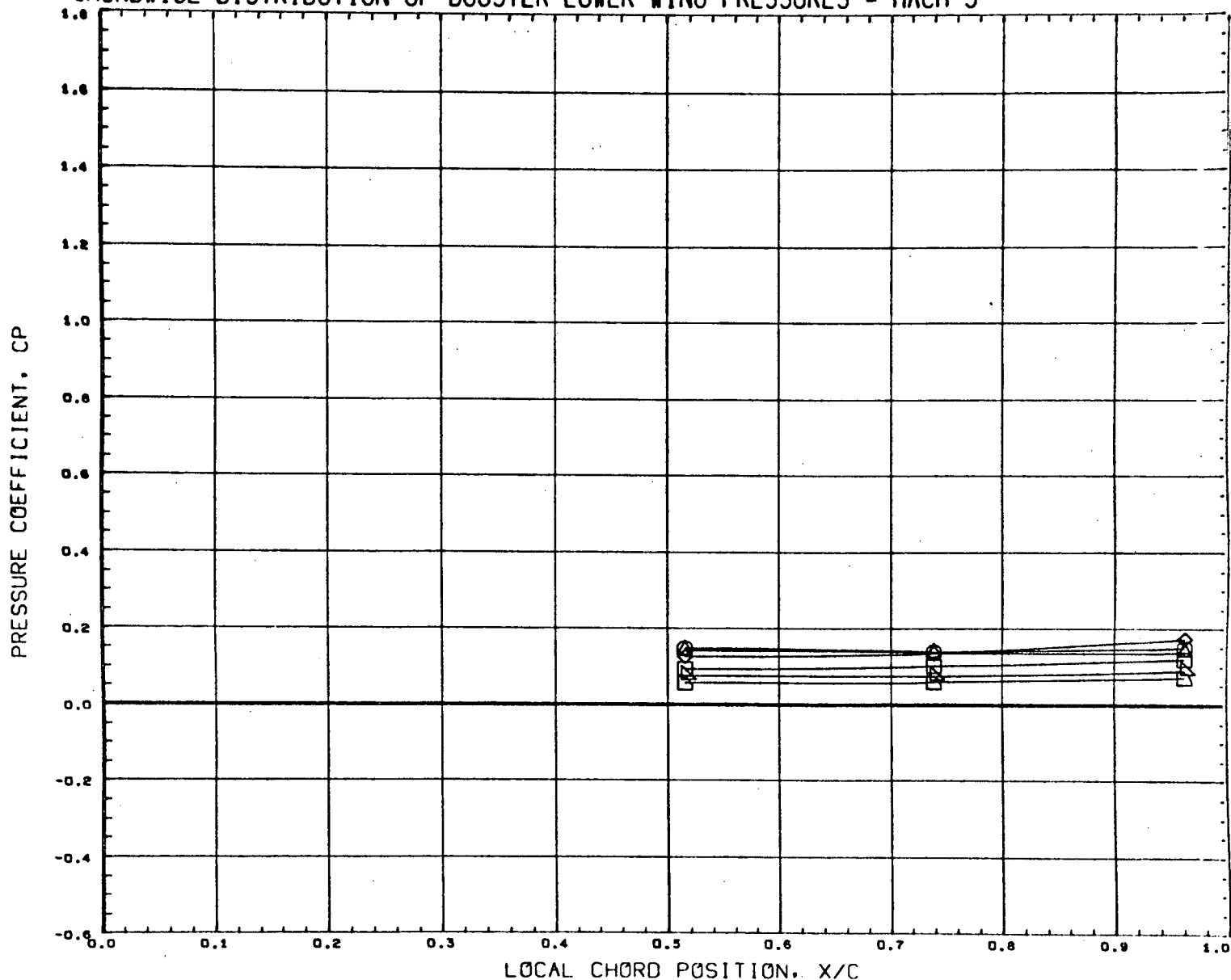
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.093
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

AEDC VA1163 MDAC BOOSTER (LOWER WING)

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

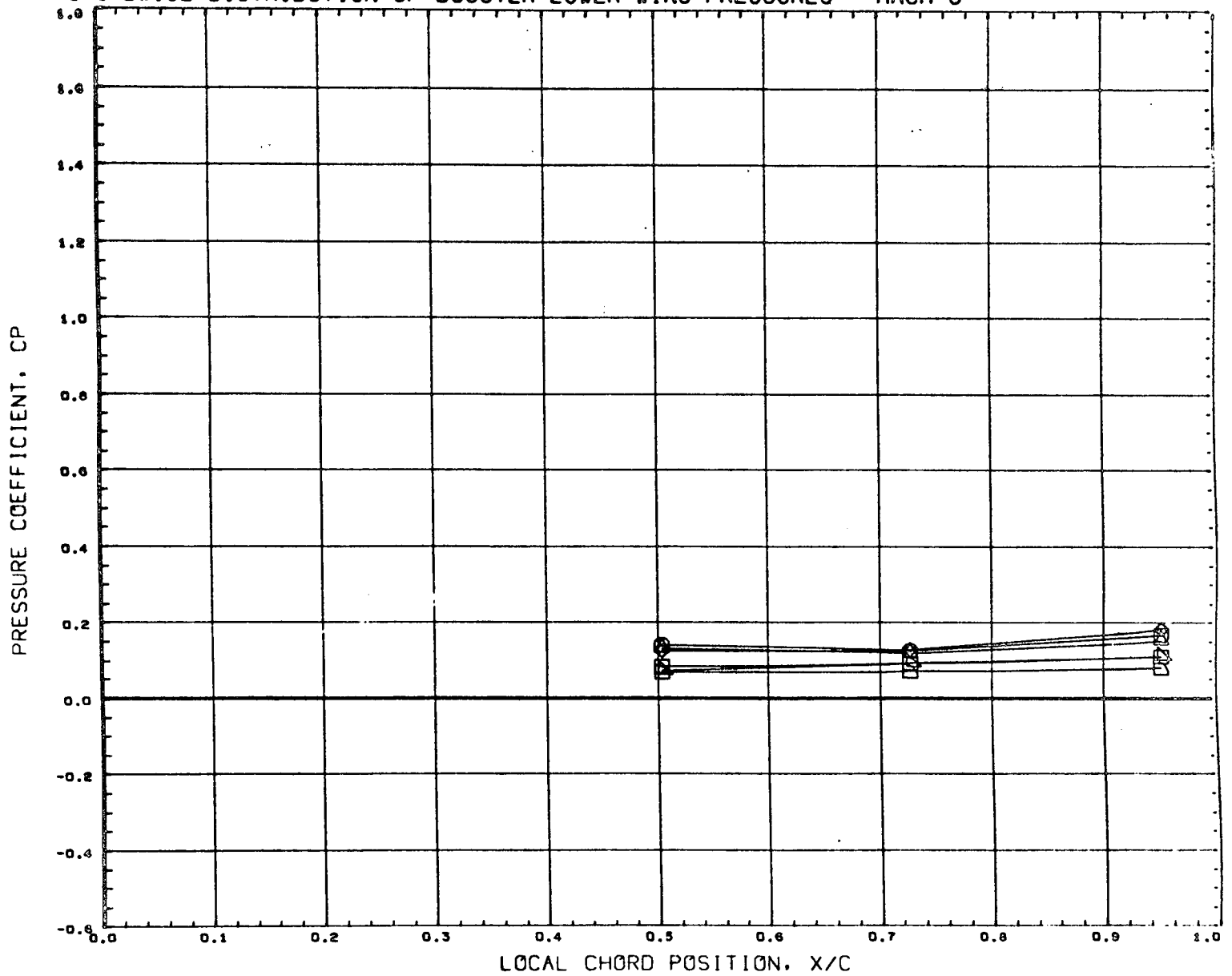


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.221	0.151
△	0.143		
◇	0.020		
□	0.103		
◻	0.227		
◻	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.033
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

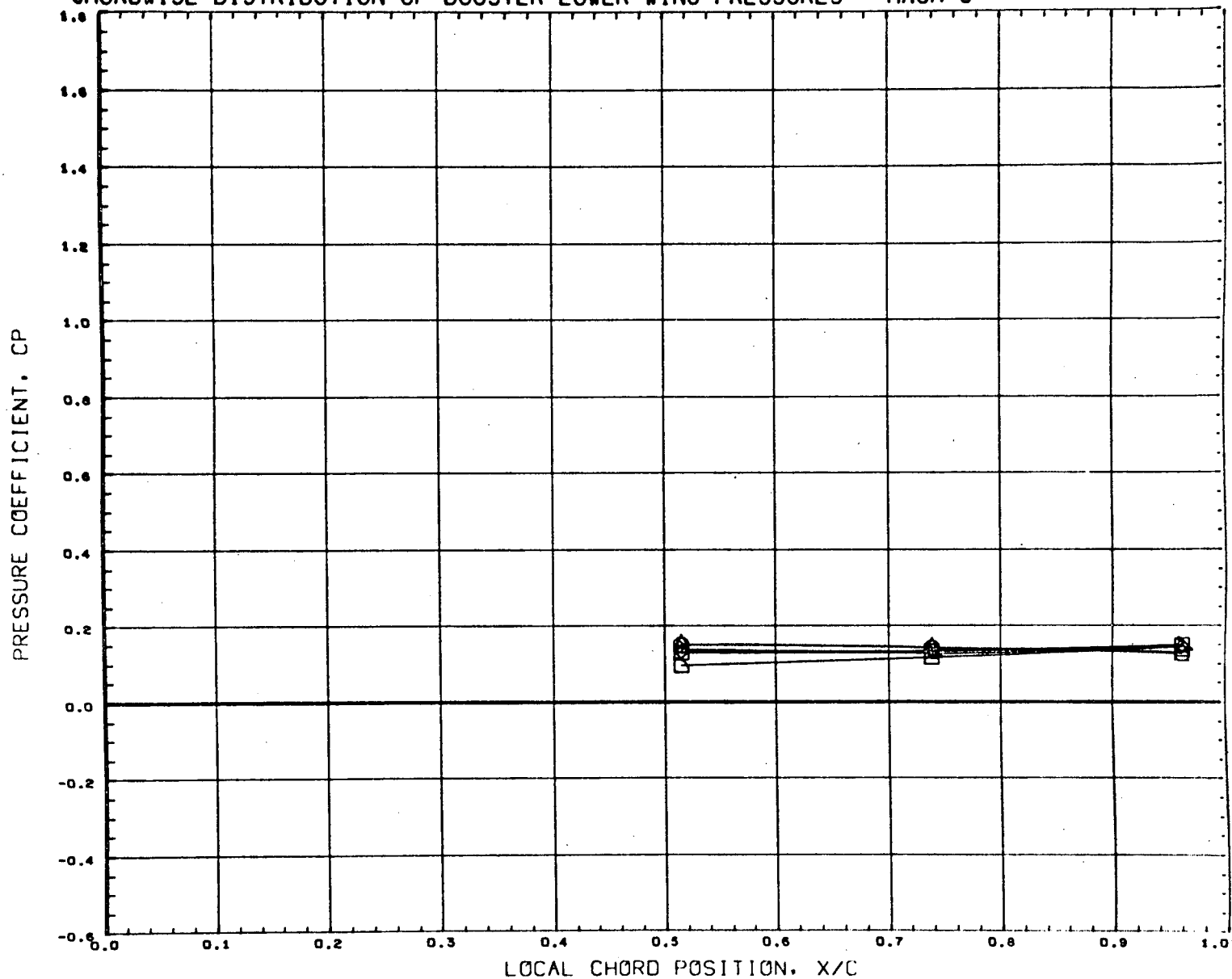


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.093
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

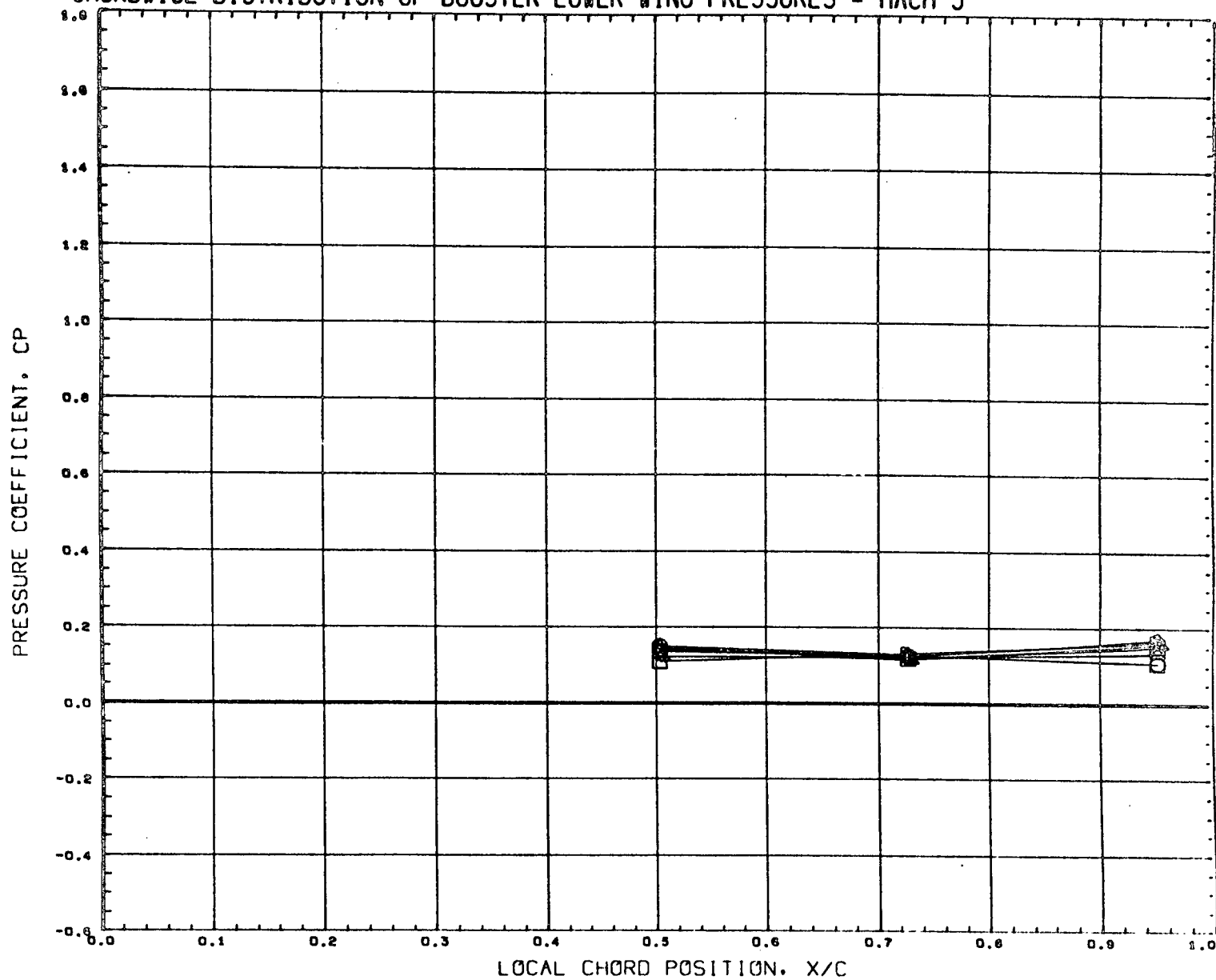


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA8	10.033
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

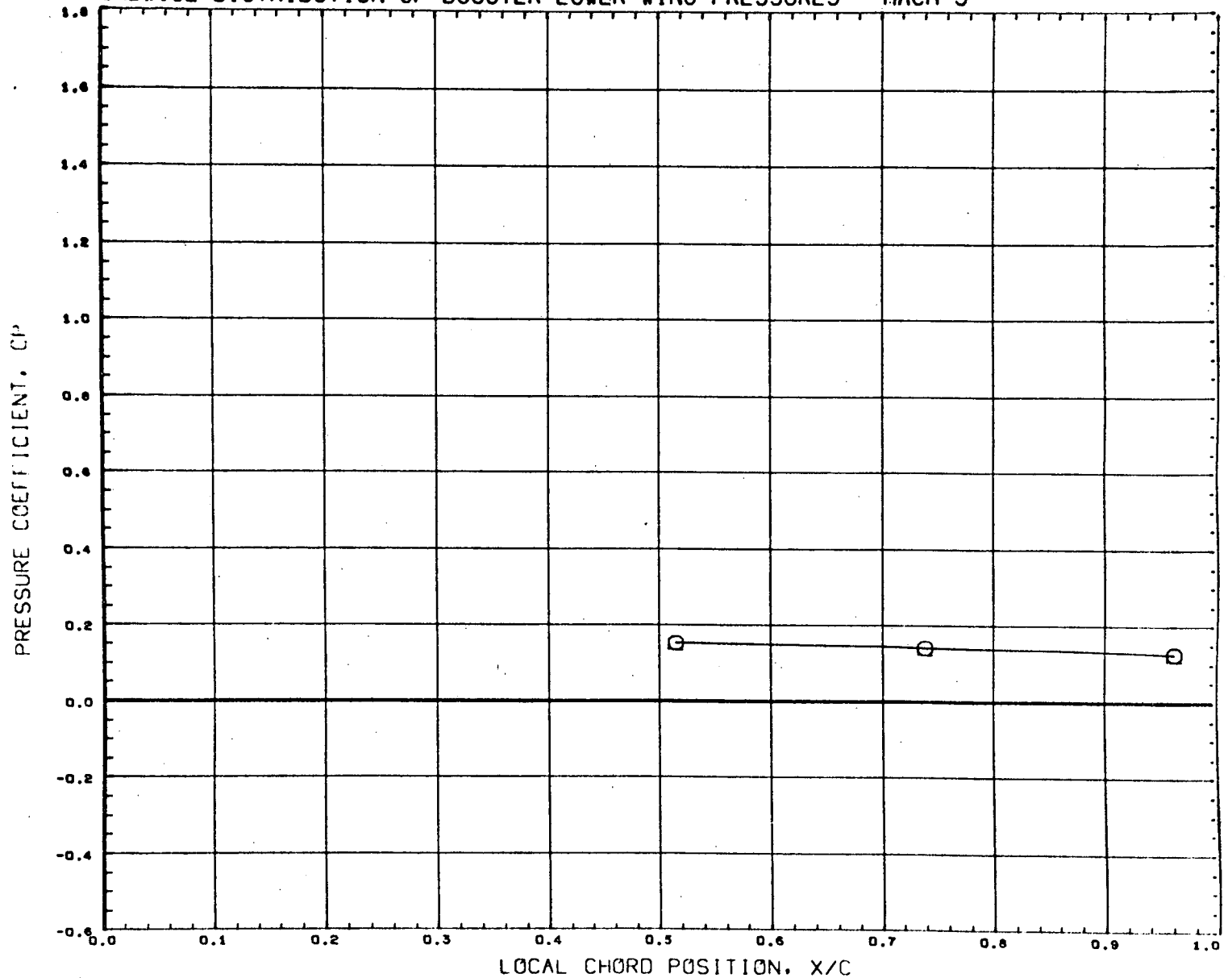


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.359	0.228
◇	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.053
MACH	4.940	ALPHA T	0.000
ORBPOW	100.000	BSTPOW	80.000

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.221 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 10.033
 MACH 4.940 ALPHA1 0.000
 ORBPOW 100.000 ESTPOW 50.000

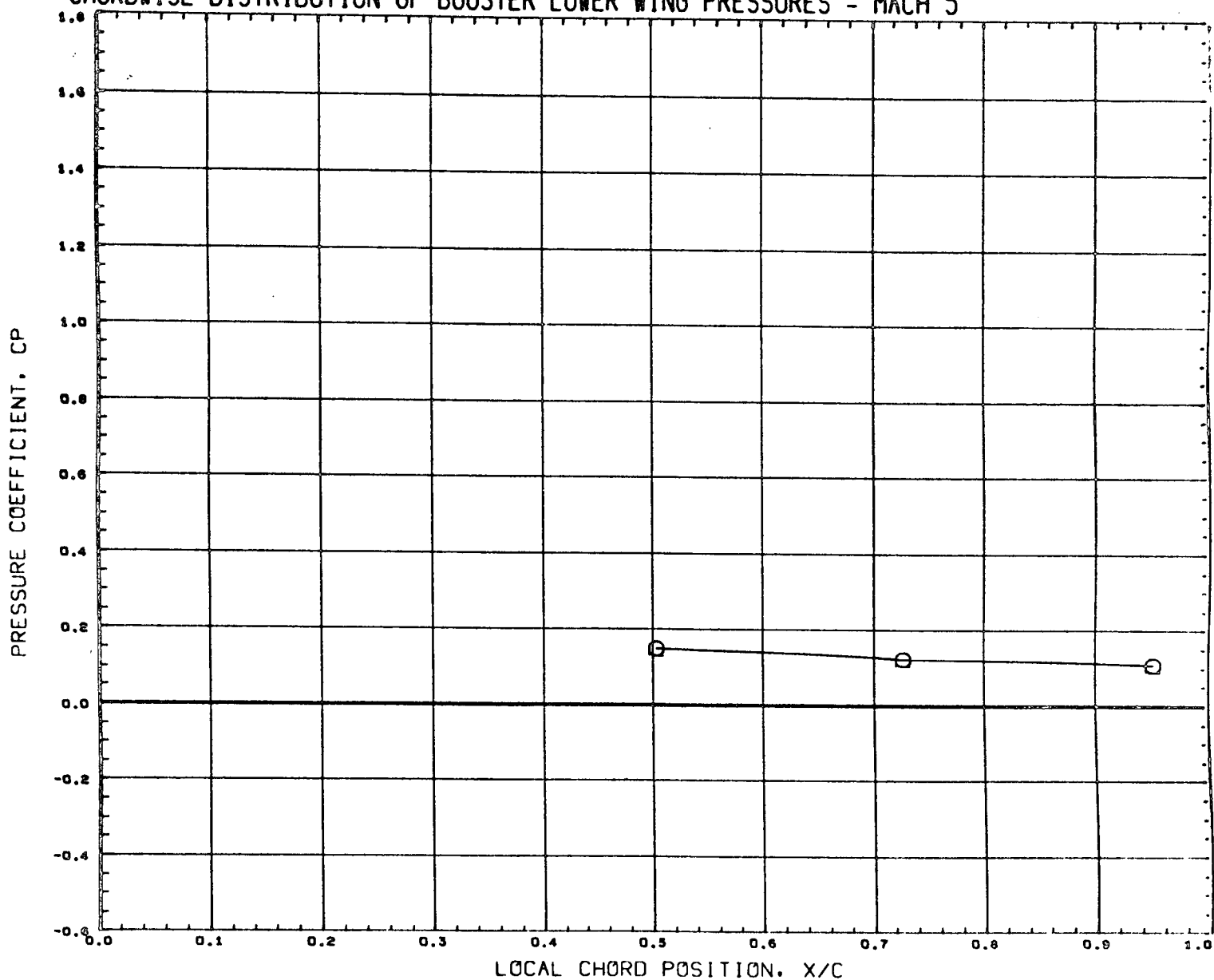
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8535•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 10.033
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

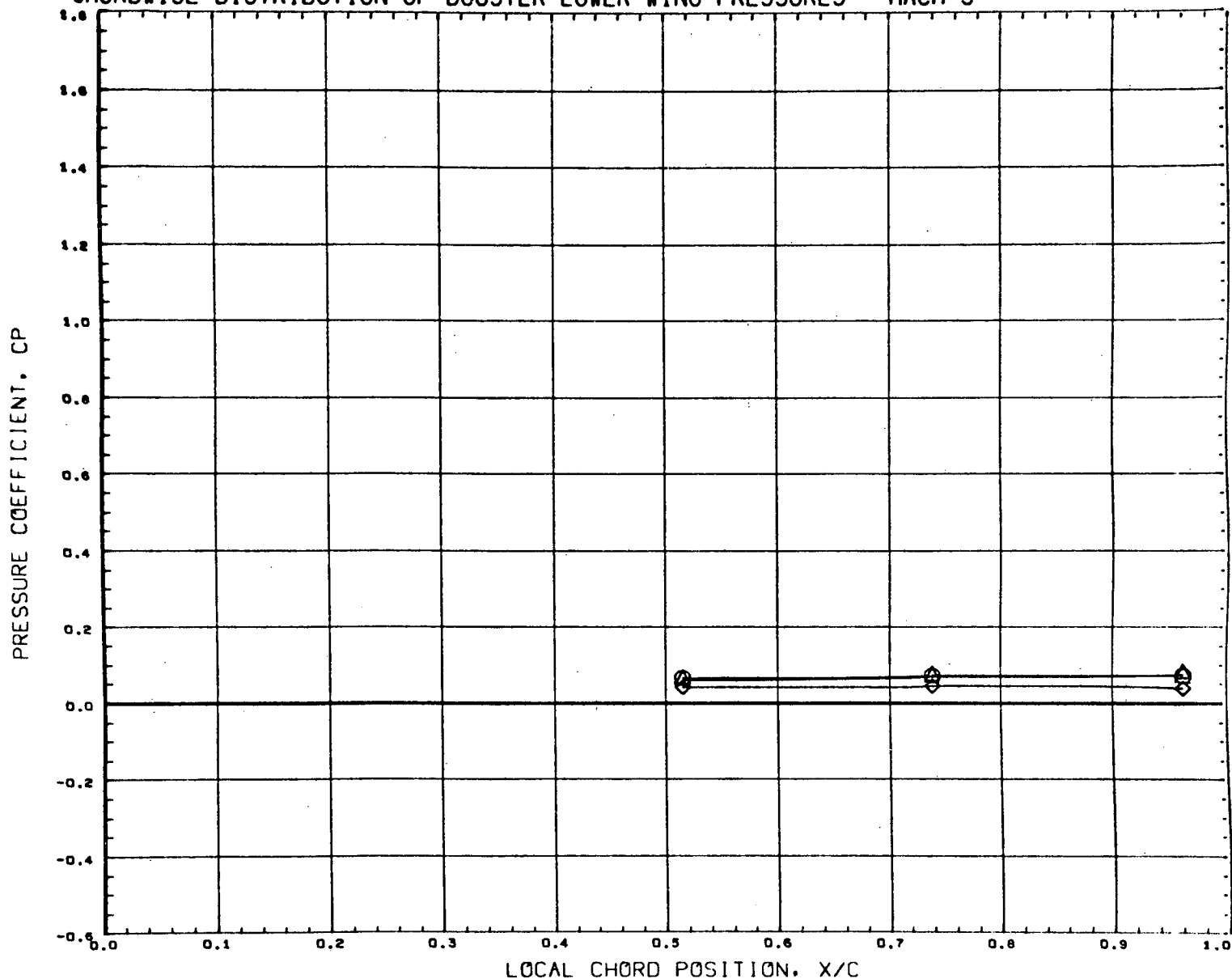
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8535•

PAGE 1236

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.920
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

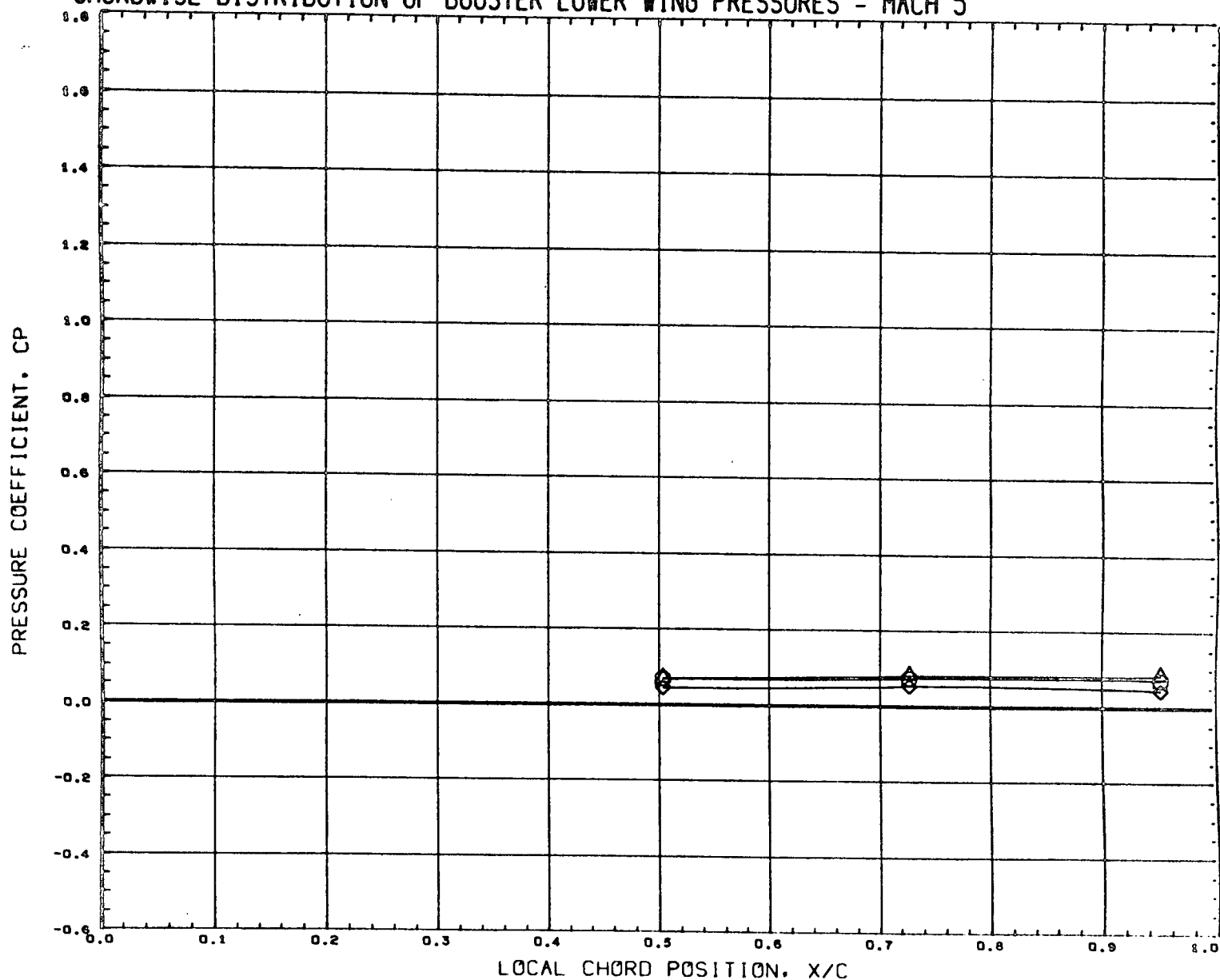
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8541•

PAGE 1237

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.920
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

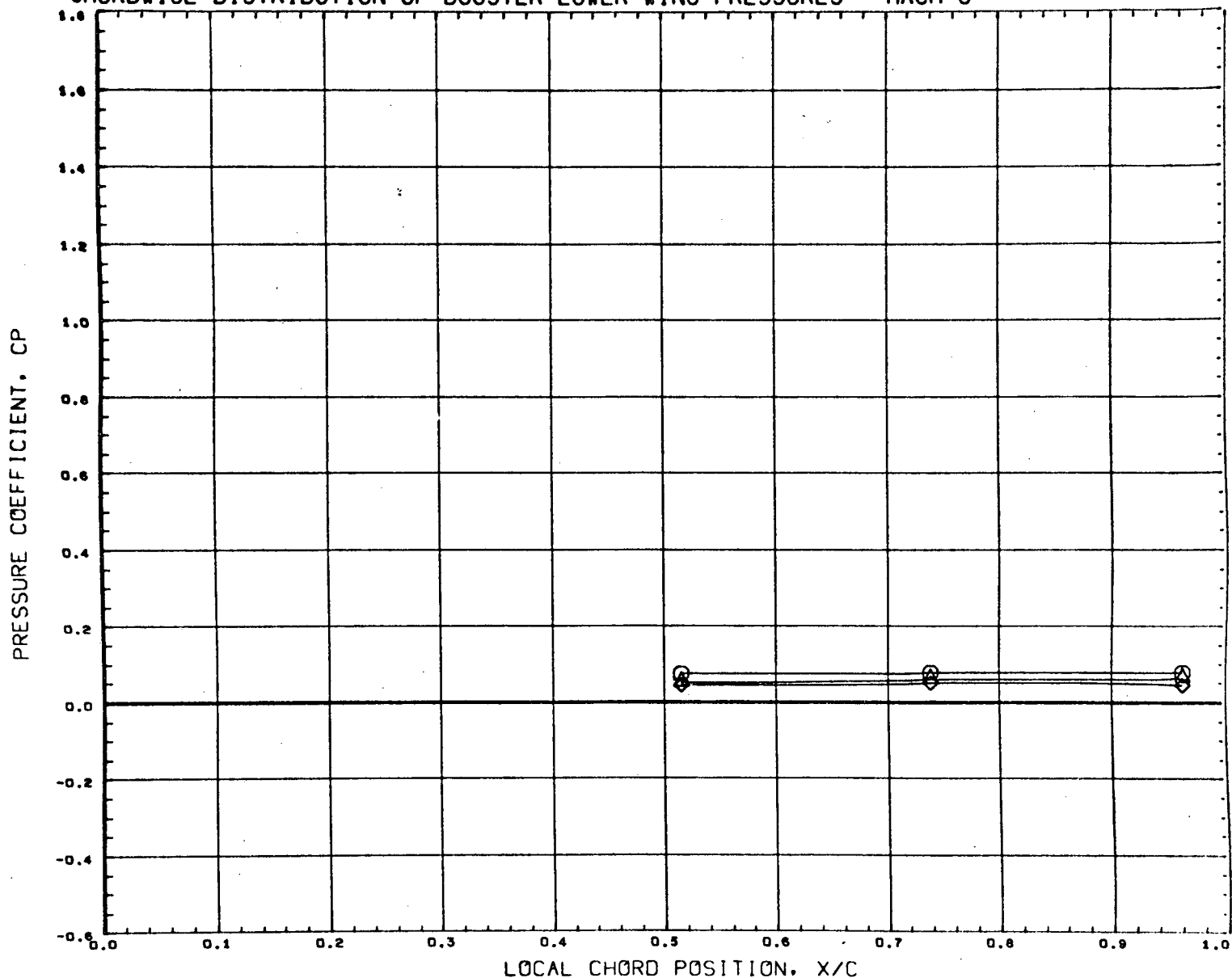
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8541•

PAGE 1238

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.150
Δ	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.896
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

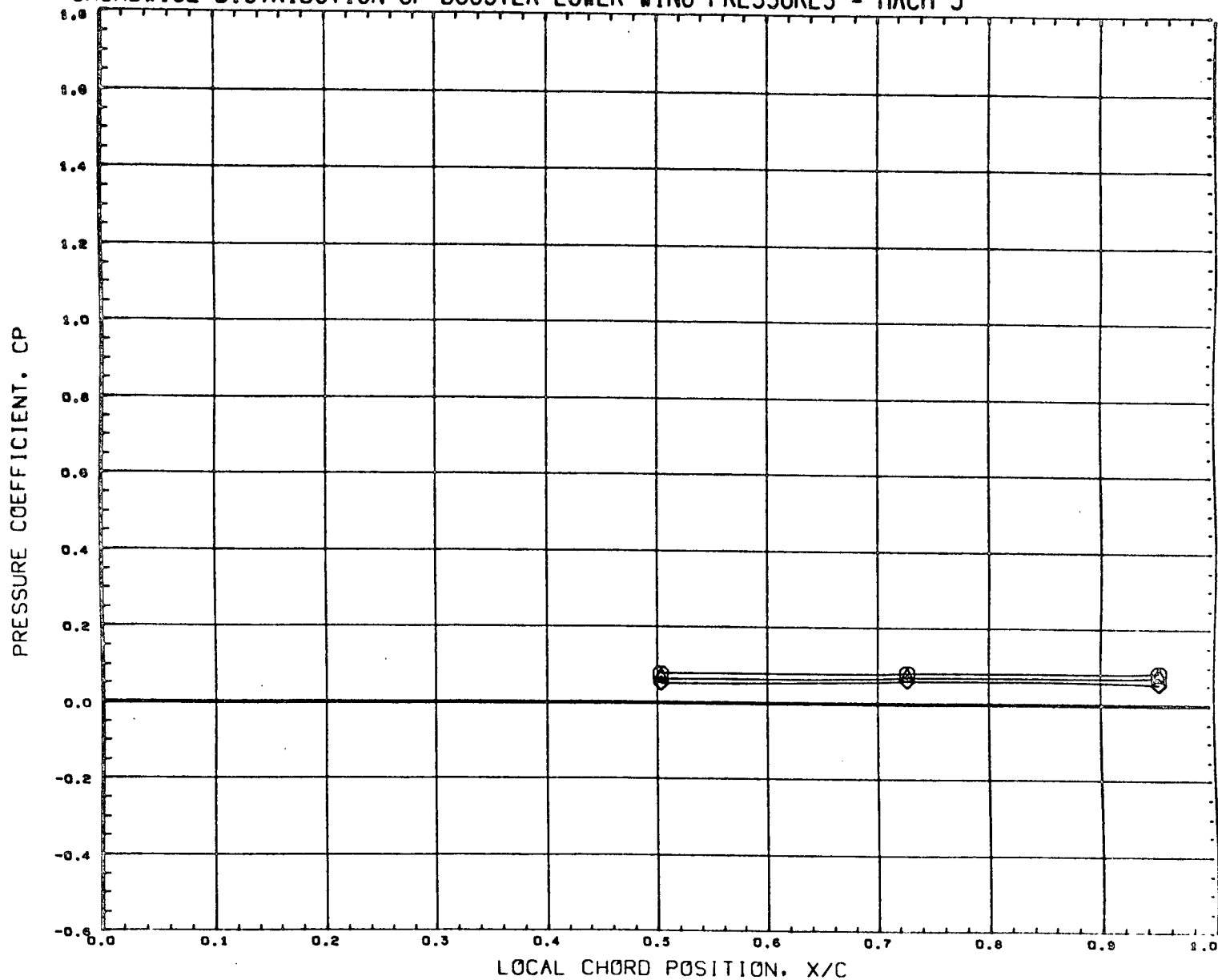
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8542•

PAGE 1239

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.896
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

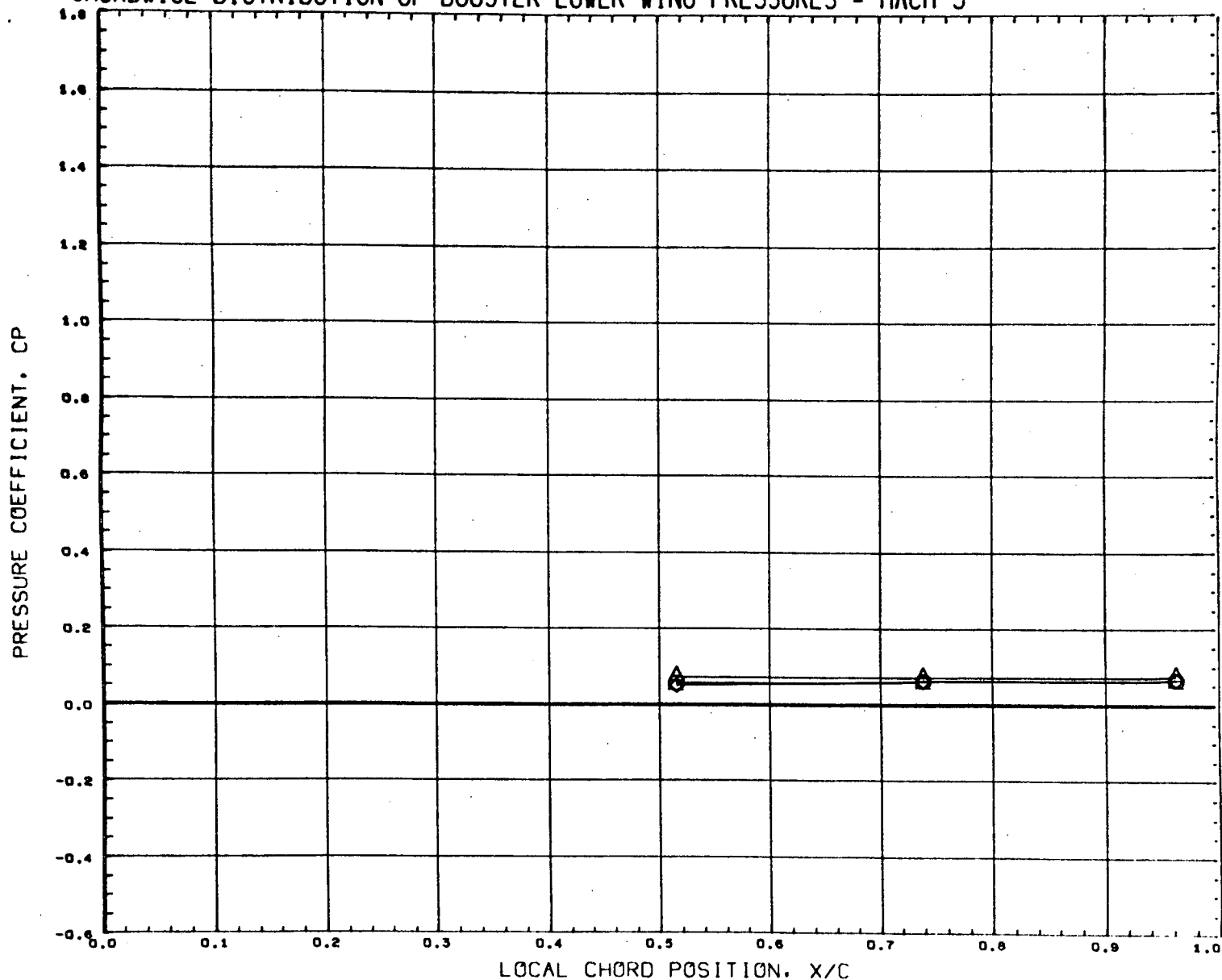
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8542•

PAGE 1240

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.696
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

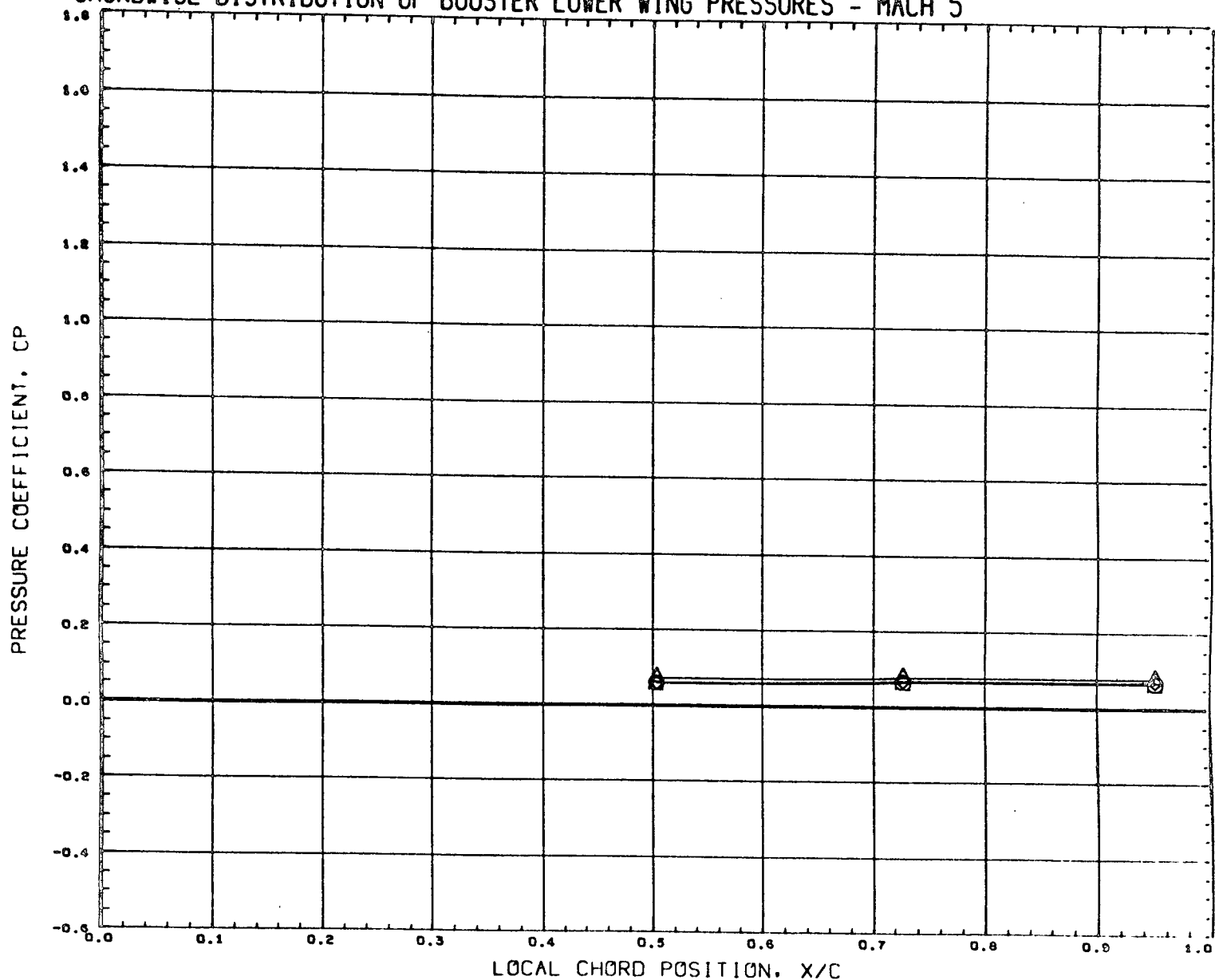
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8542•

PAGE 1241

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.696
MACH	4.970	ALPHA I	9.000
ORBPOW	100.000	BSTPOW	50.000

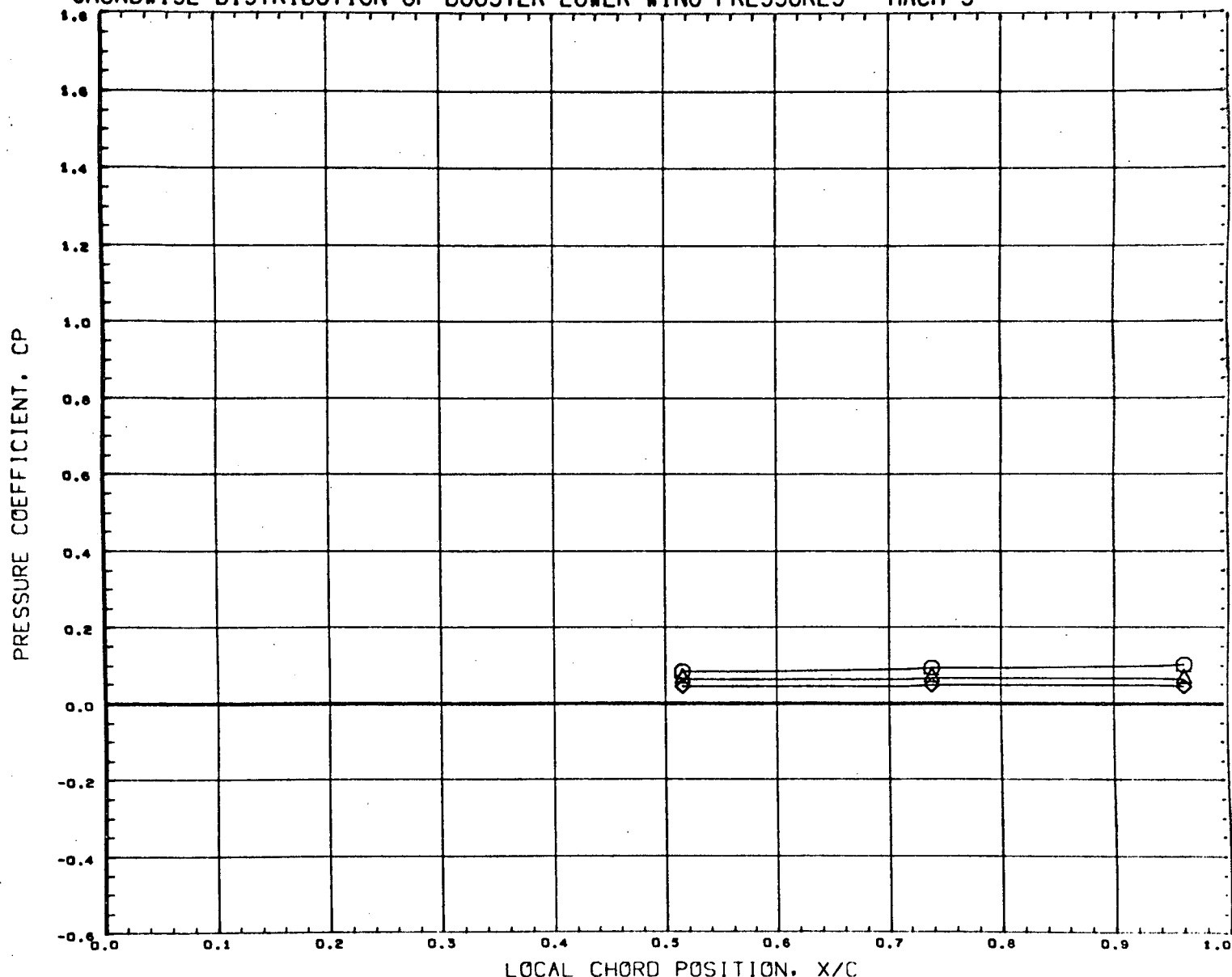
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8542•

PAGE 1242

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

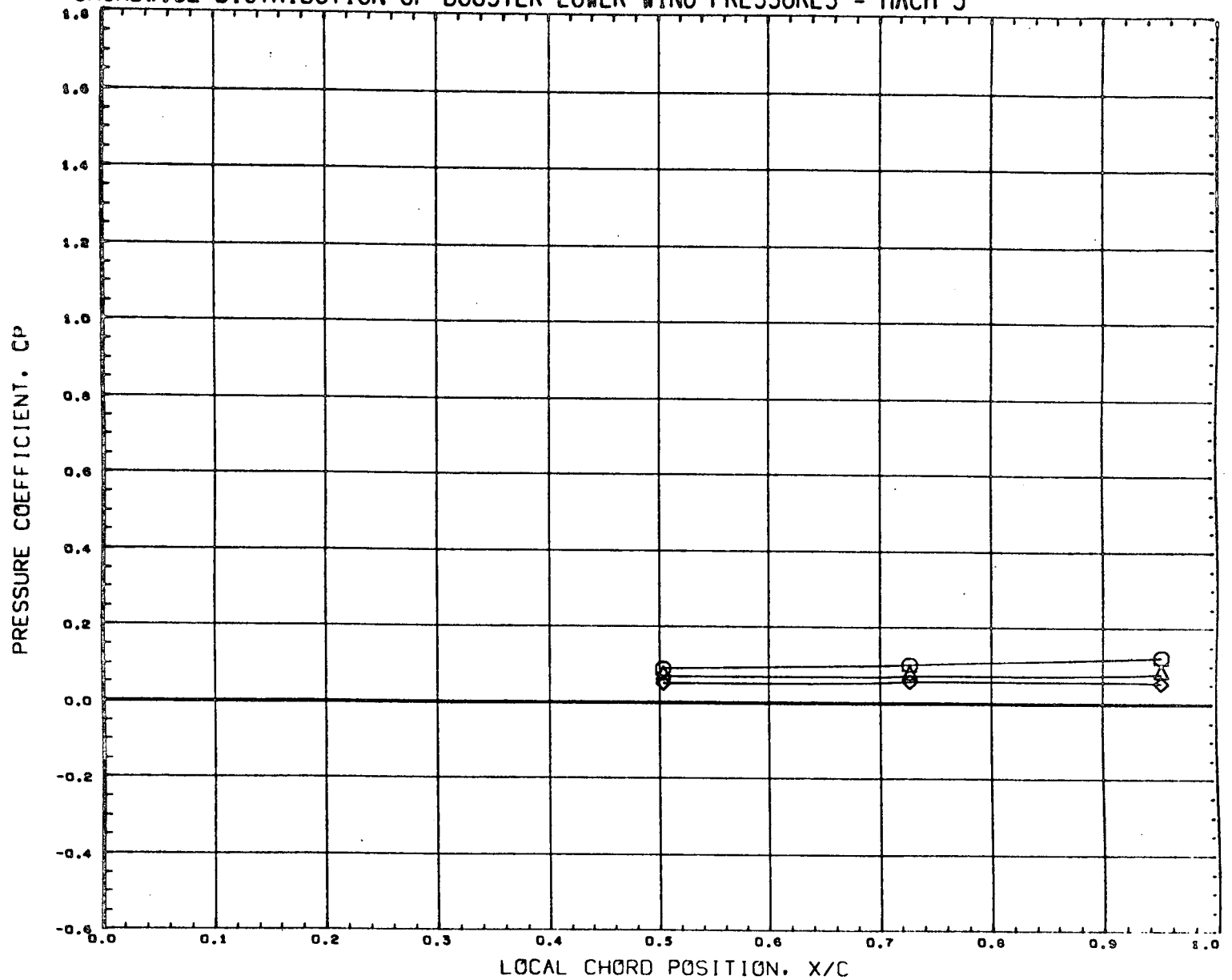
REFERENCE FILE

AEDC VA1163 MQAC BOOSTER (LOWER WING)

•CT8543•

PAGE 1243

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.033
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

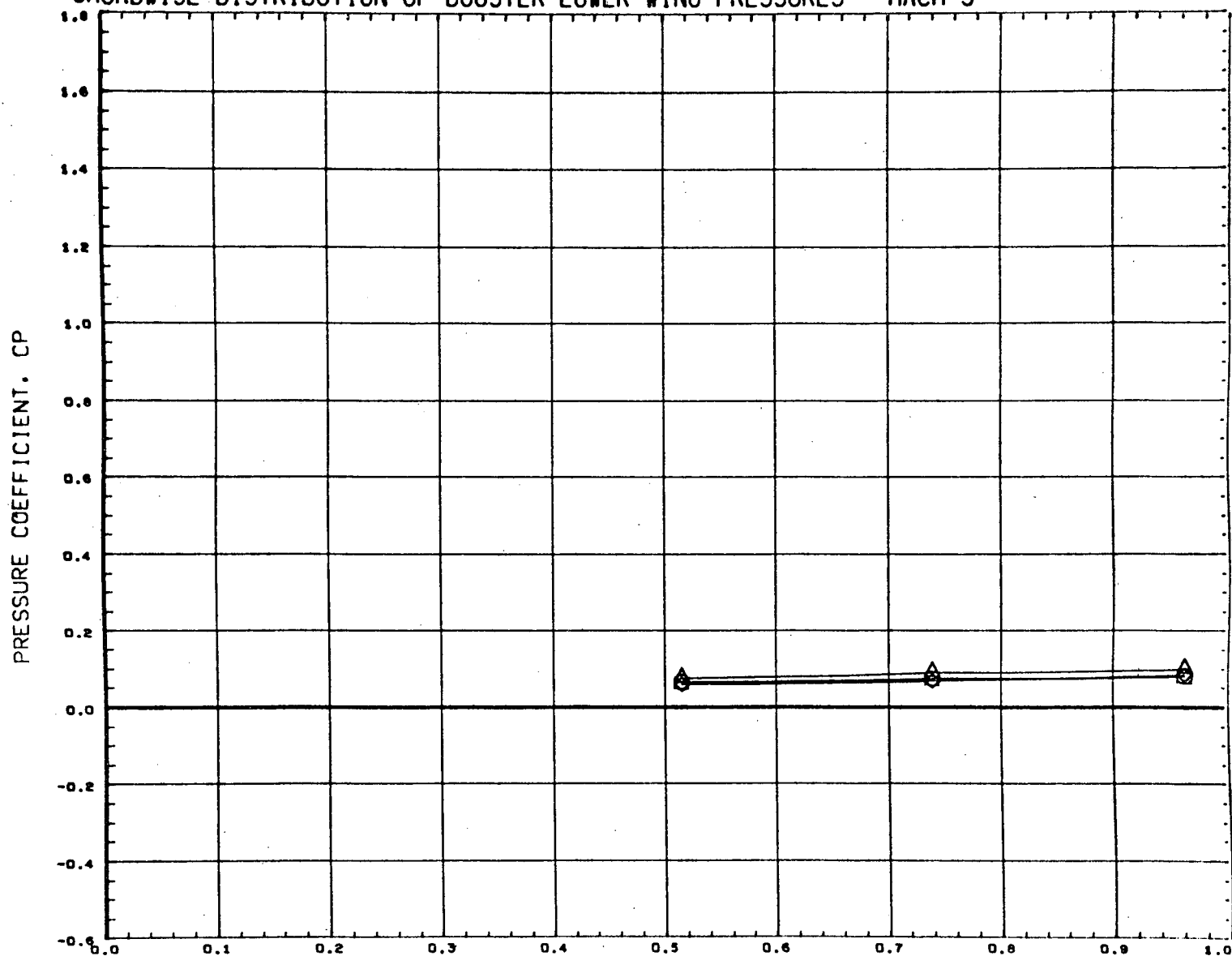
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8543•

PAGE 1244

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAT	5.000
ORBPOW	100.000	BSTPOW	50.000

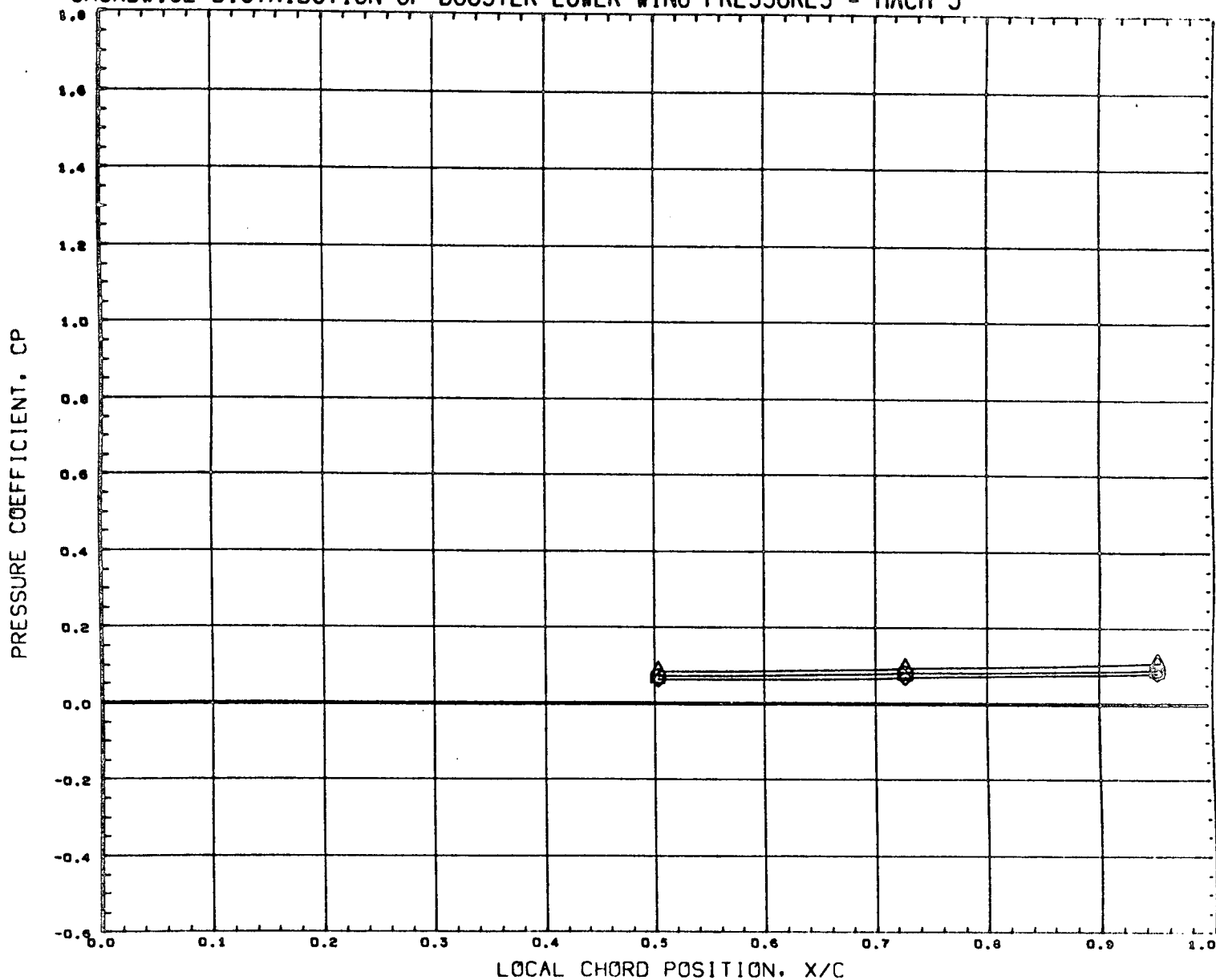
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8543•

PAGE 1245

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.339	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHA I	9.000
ORBPOW	100.000	BSTPOW	50.000

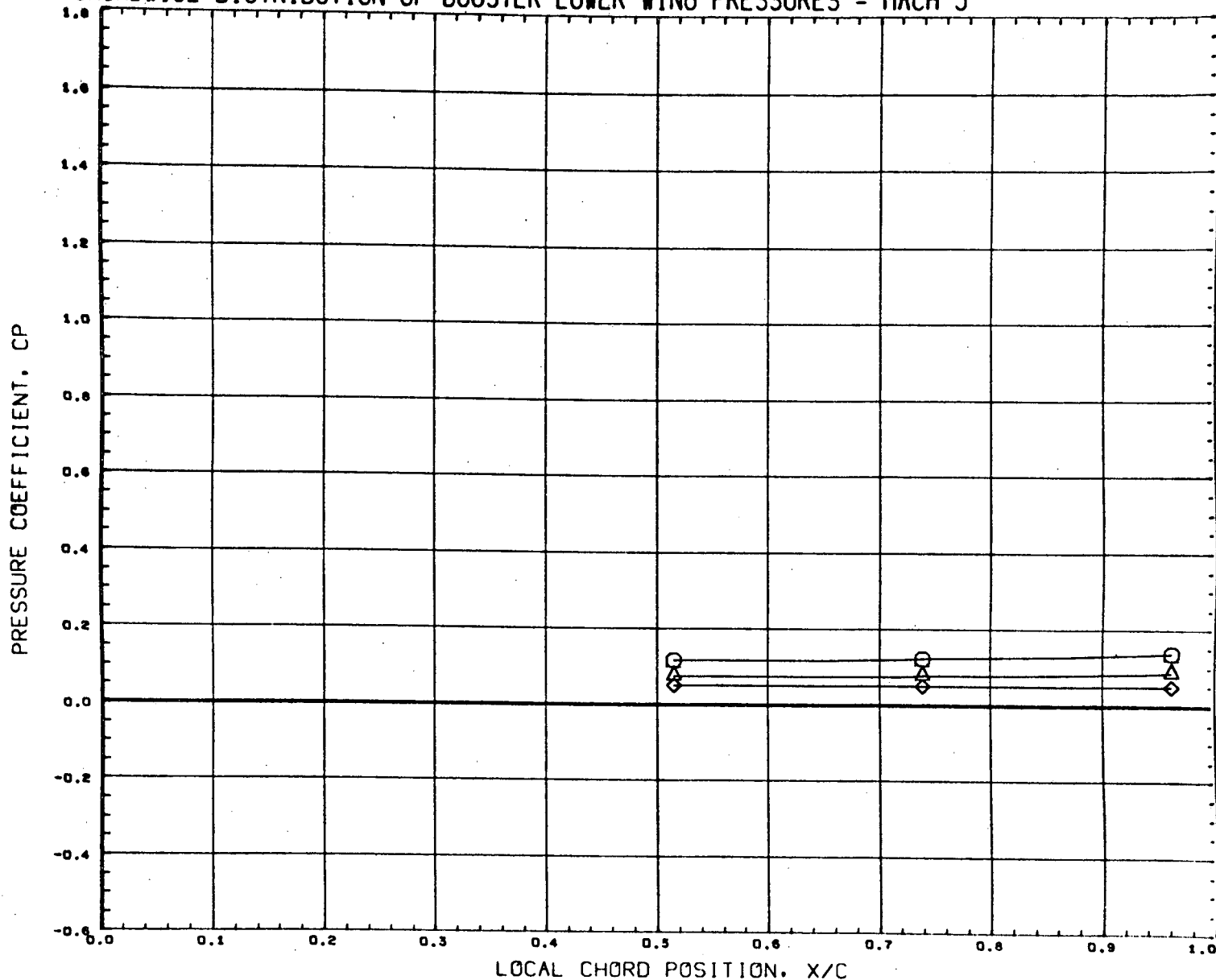
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8543•

PAGE 1246

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.190
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.051
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

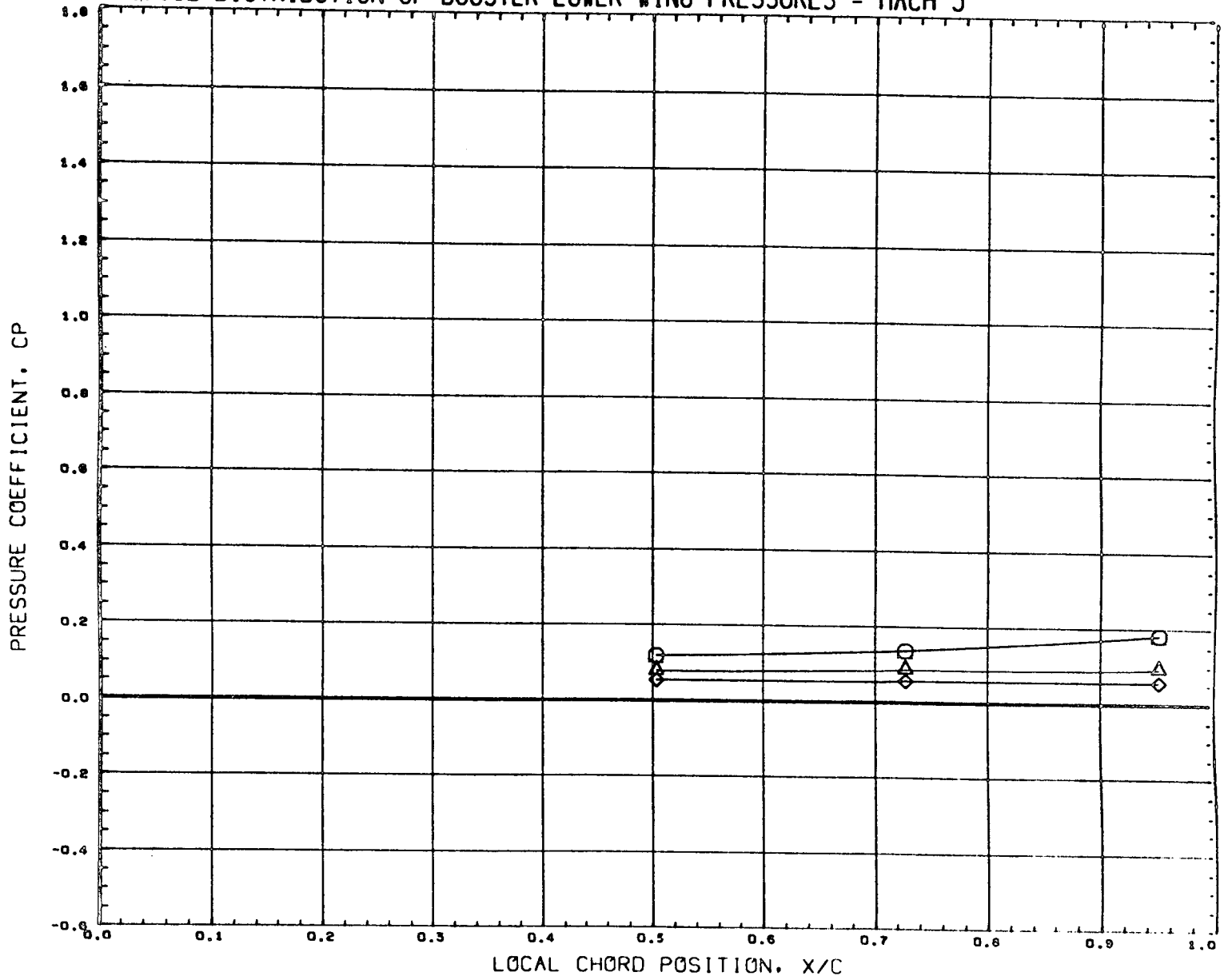
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8544•

PAGE 1247

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.091
MACH	4.970	ALPHA I	9.000
ORBPOW	100.000	BSTPOW	50.000

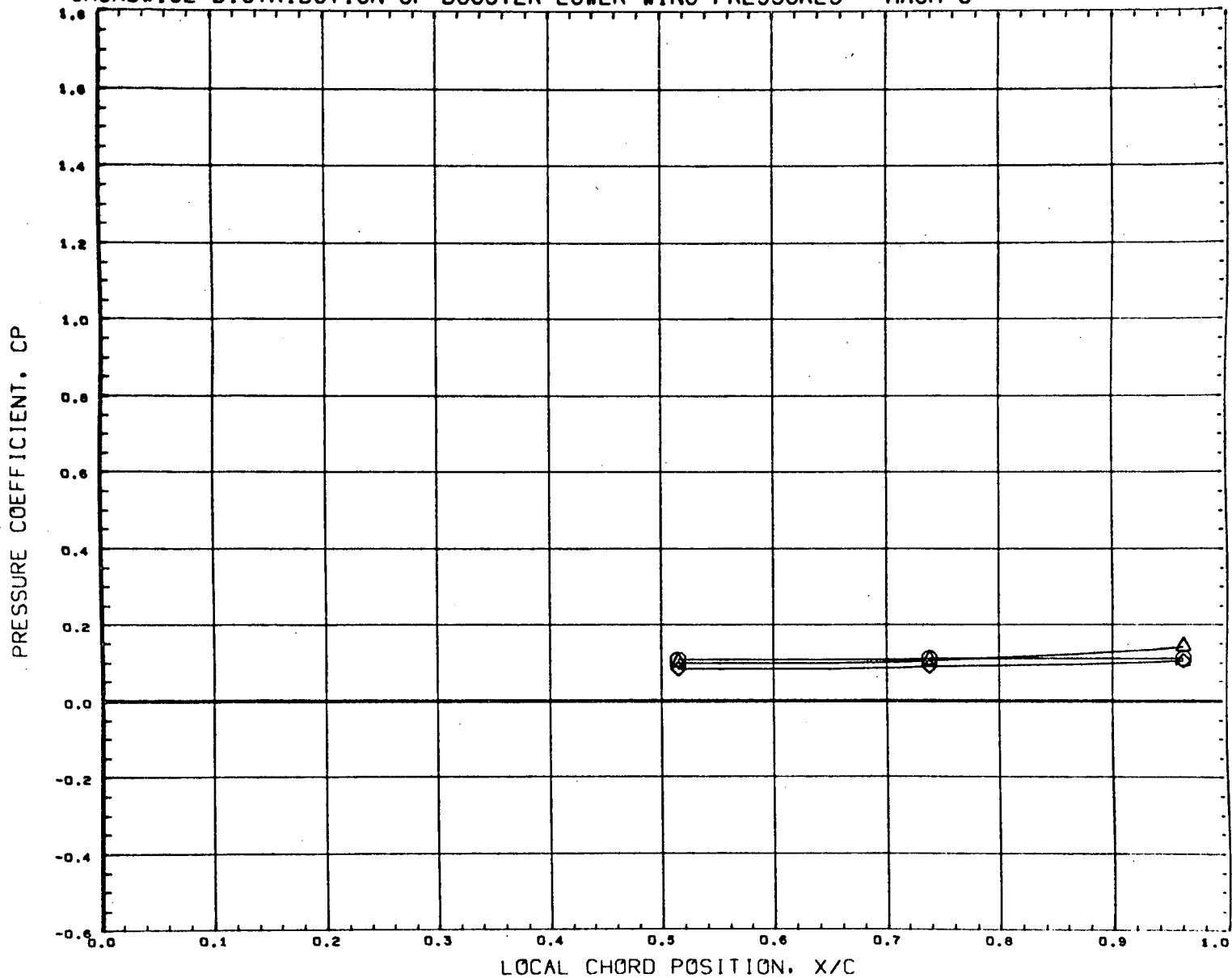
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8544•

PAGE 1248

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.227
△	0.103		
◊	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	3.051
MACH	4.970	ALPHA I	3.000
ORBPOW	100.000	BSTPOW	50.000

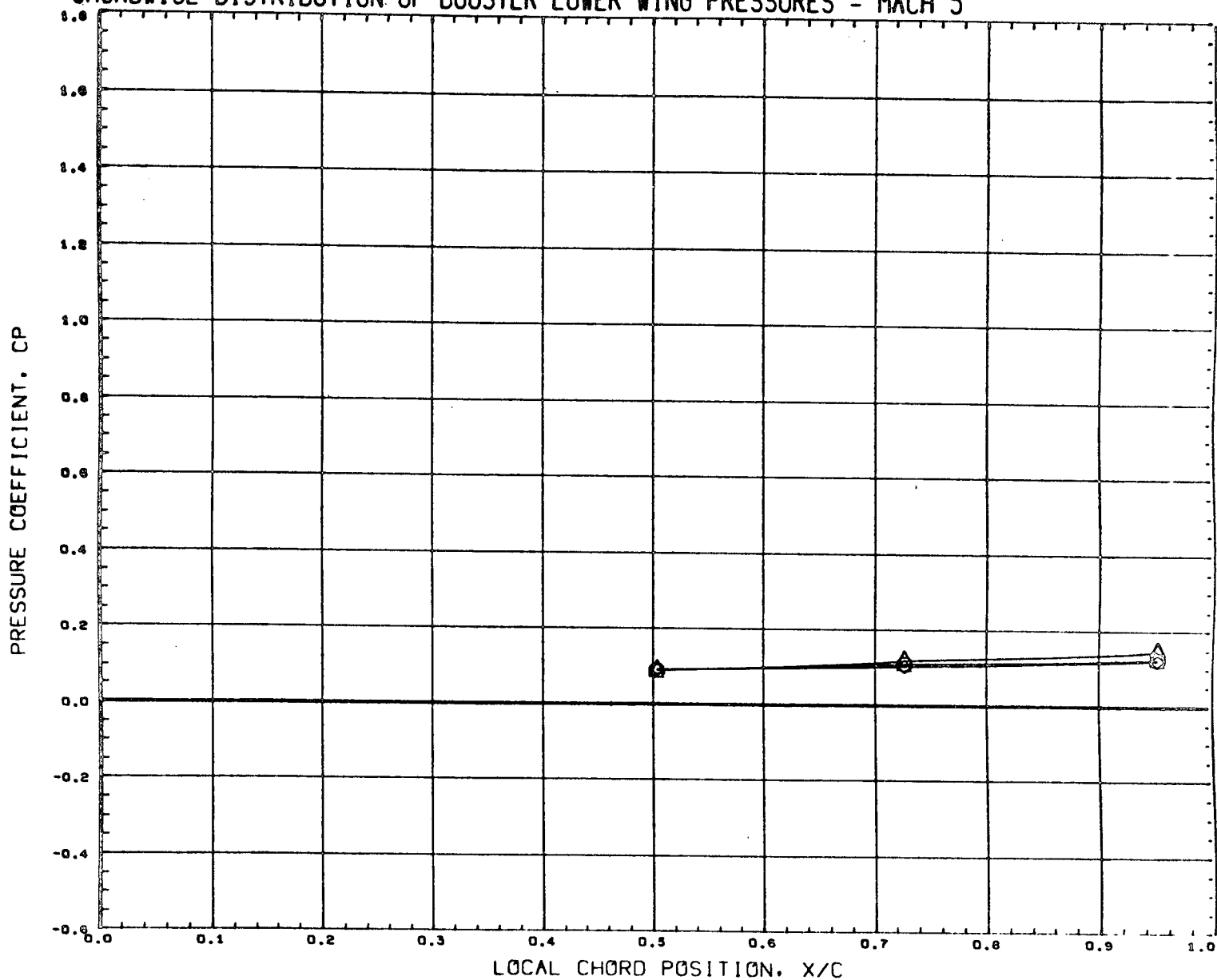
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8544•

PAGE 1249

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.051
MACH	4.970	ALPHA1	9.000
ORBPOW	100.000	BSTPOW	90.000

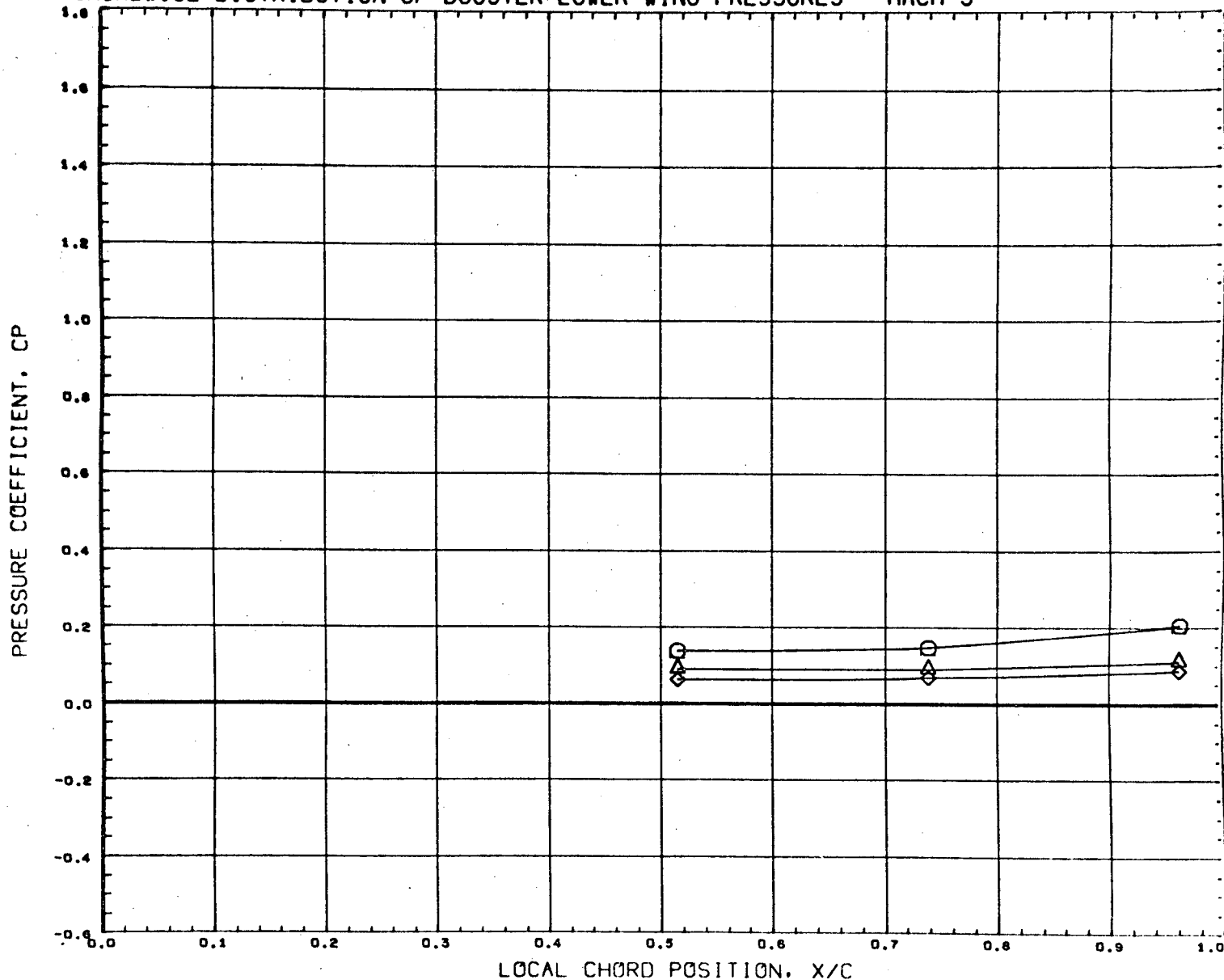
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8544•

PAGE 1250

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	10.050
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

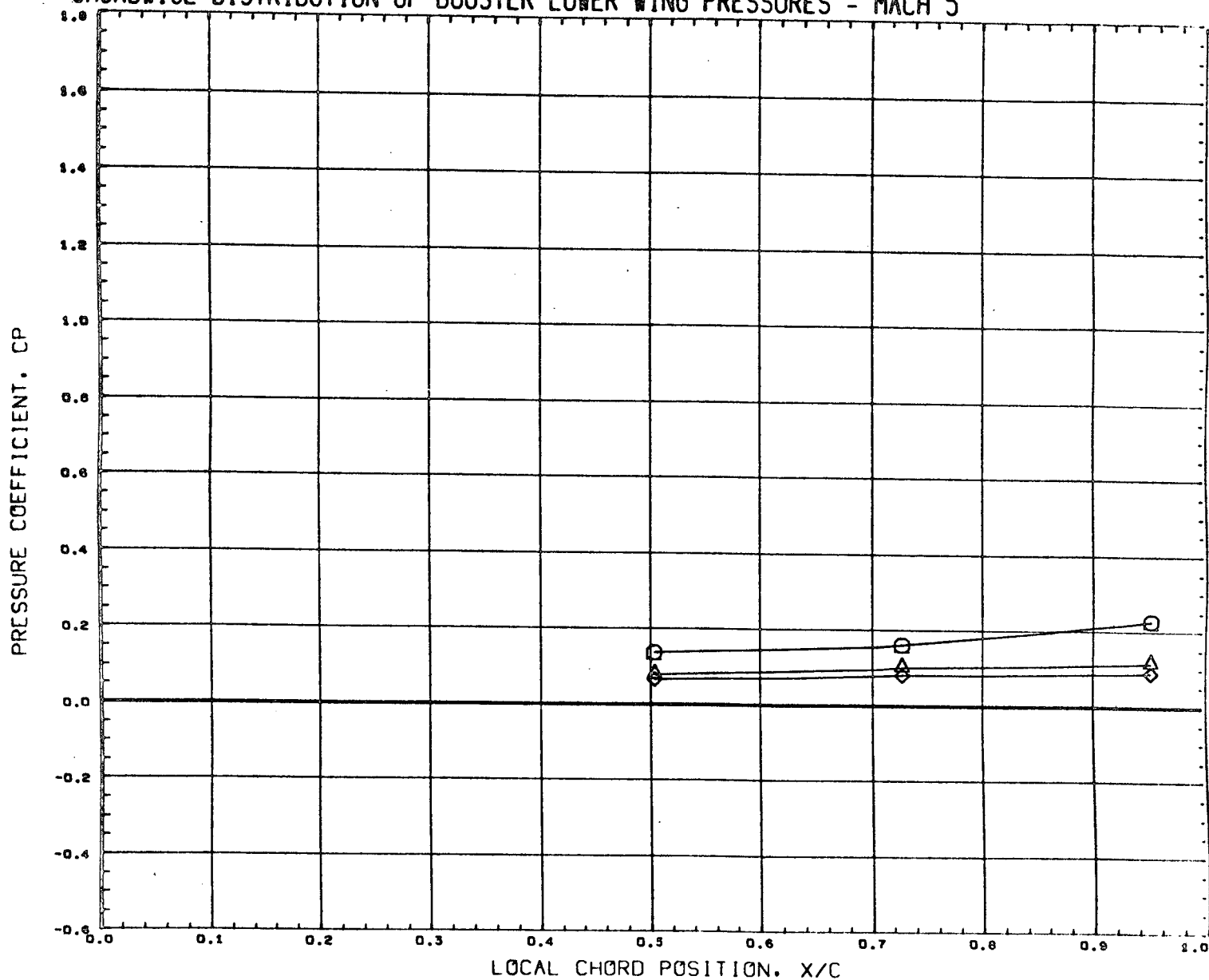
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8545•

PAGE 1251

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	10.050
MACH	4.970	ALPHA	5.000
ORBPOW	100.000	BSTPOW	50.000

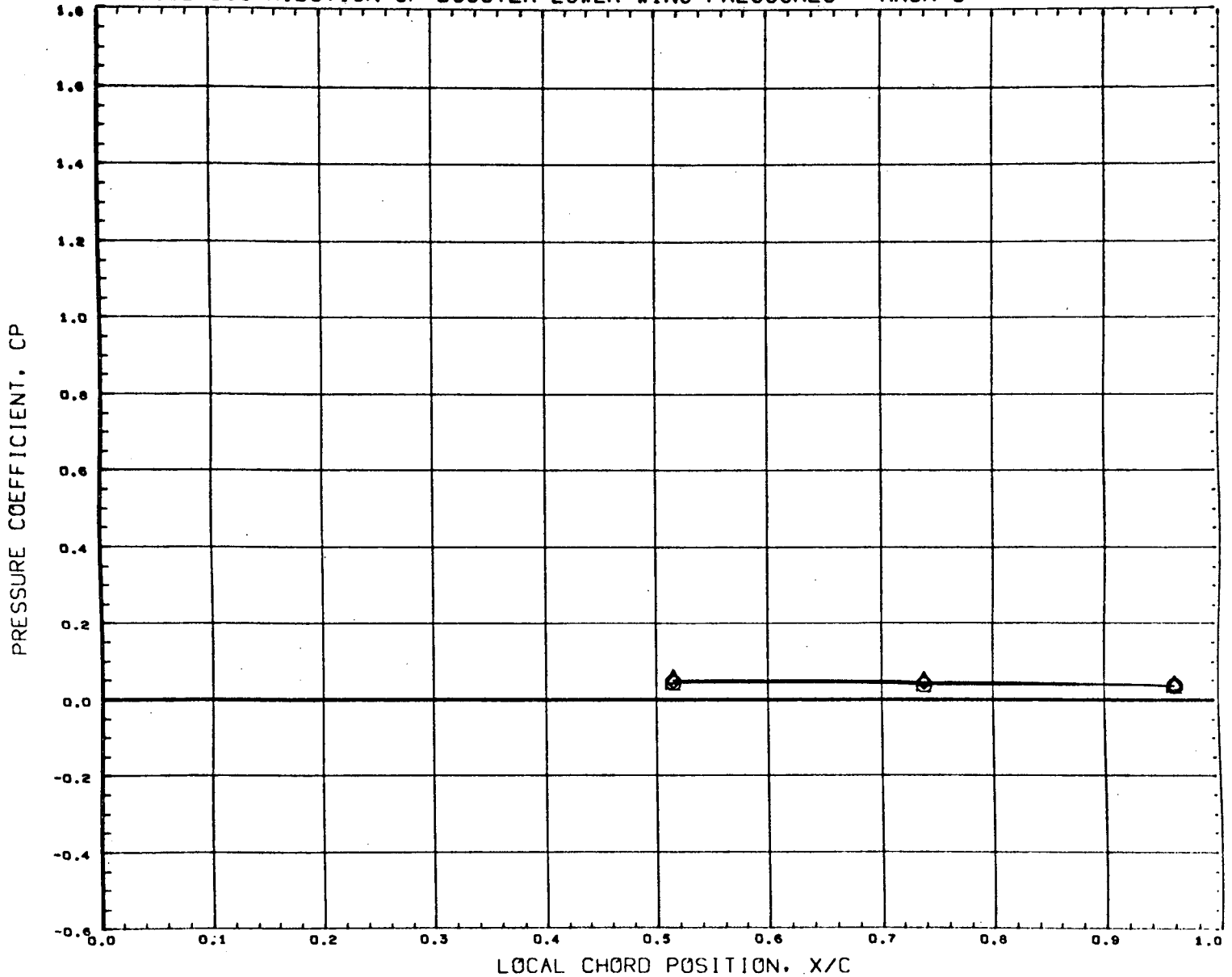
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8545•

PAGE 1252

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.891
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

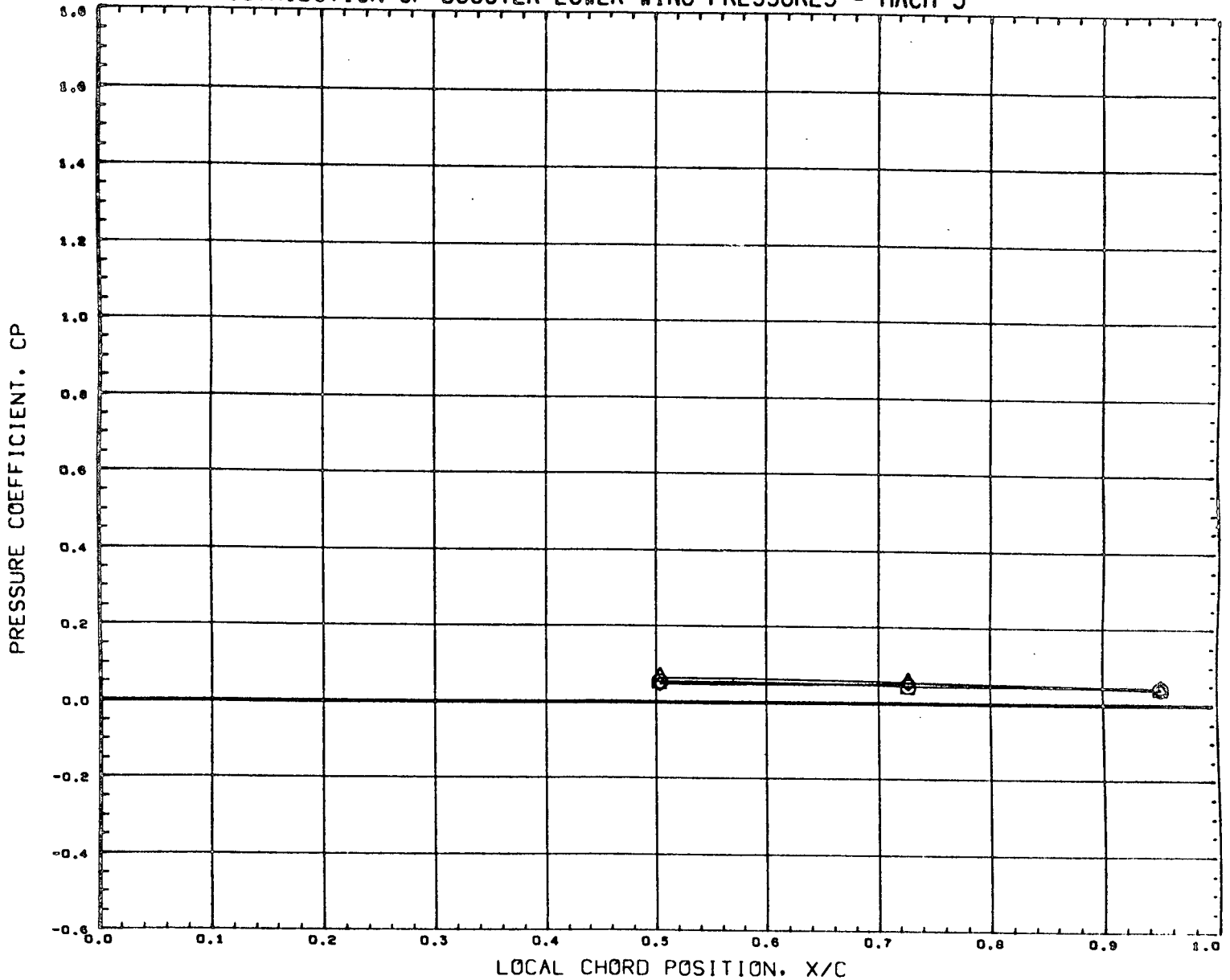
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8552•

PAGE 1253

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.891
MACH	4.970	ALPHA1	5.000
ORBPOW	0.000	BSTPOW	0.000

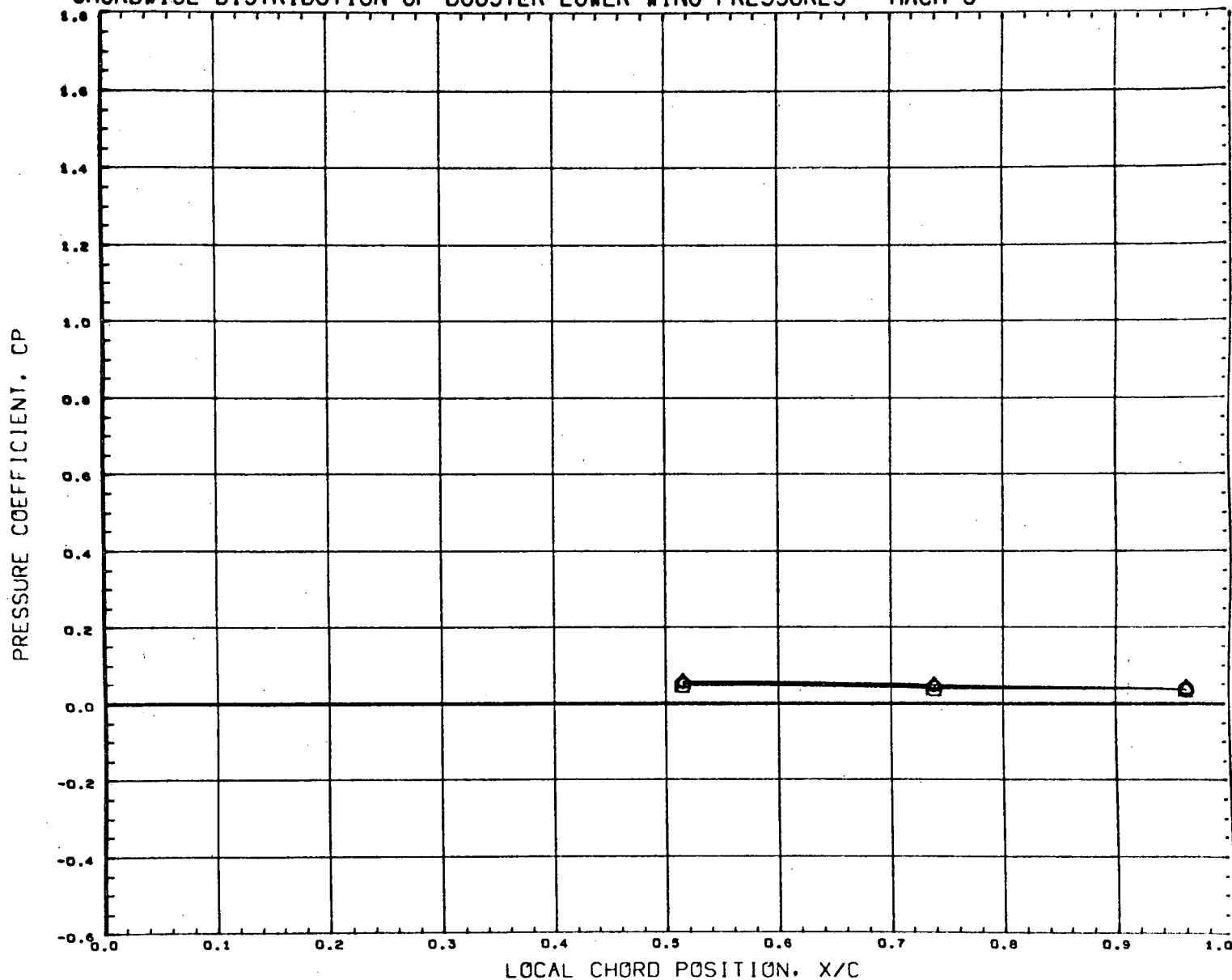
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8552•

PAGE 1254

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.891
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

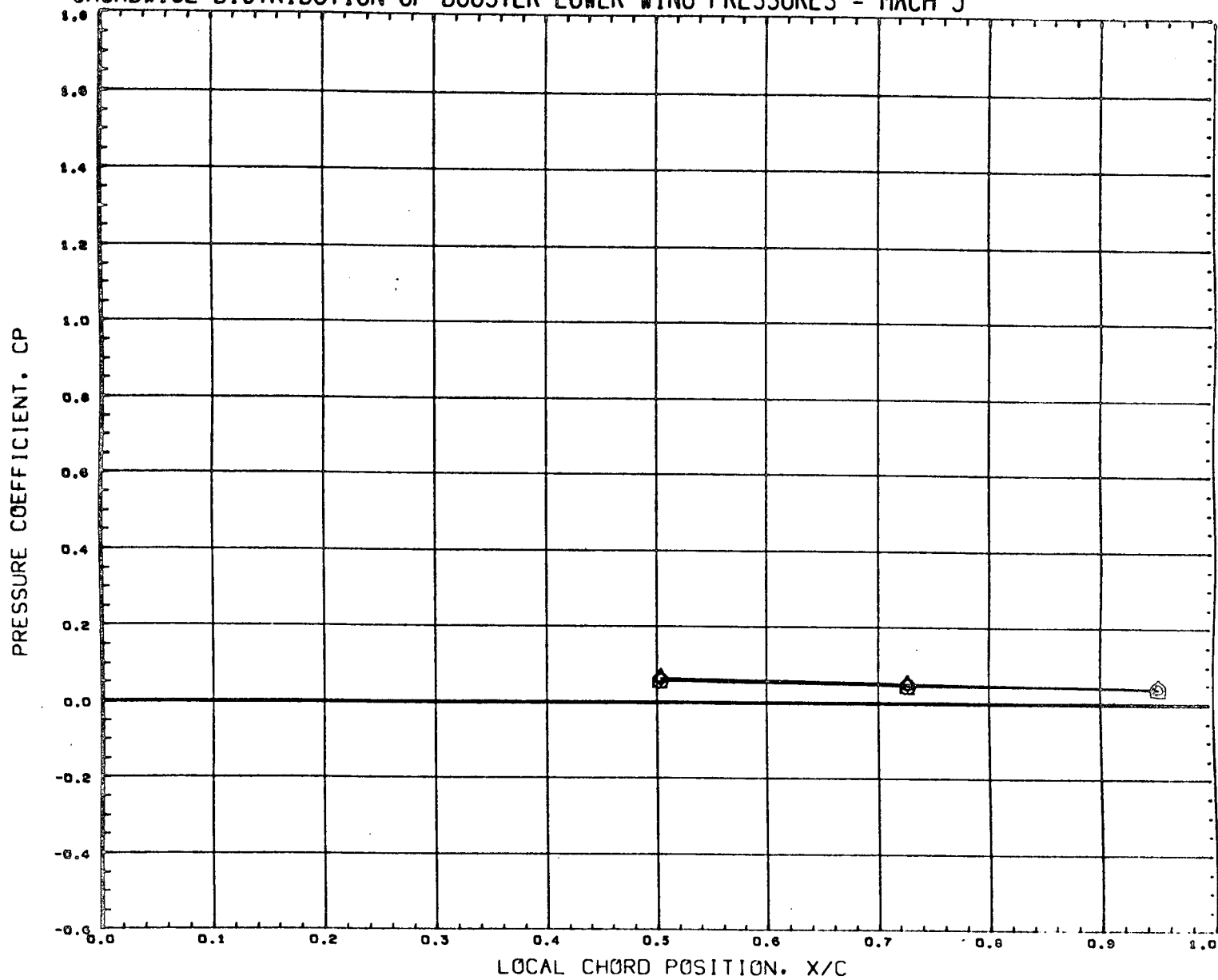
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8552•

PAGE 1255

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.891
MACH	4.970	ALPHAI	3.000
ORBPOW	0.000	BSTPOW	0.000

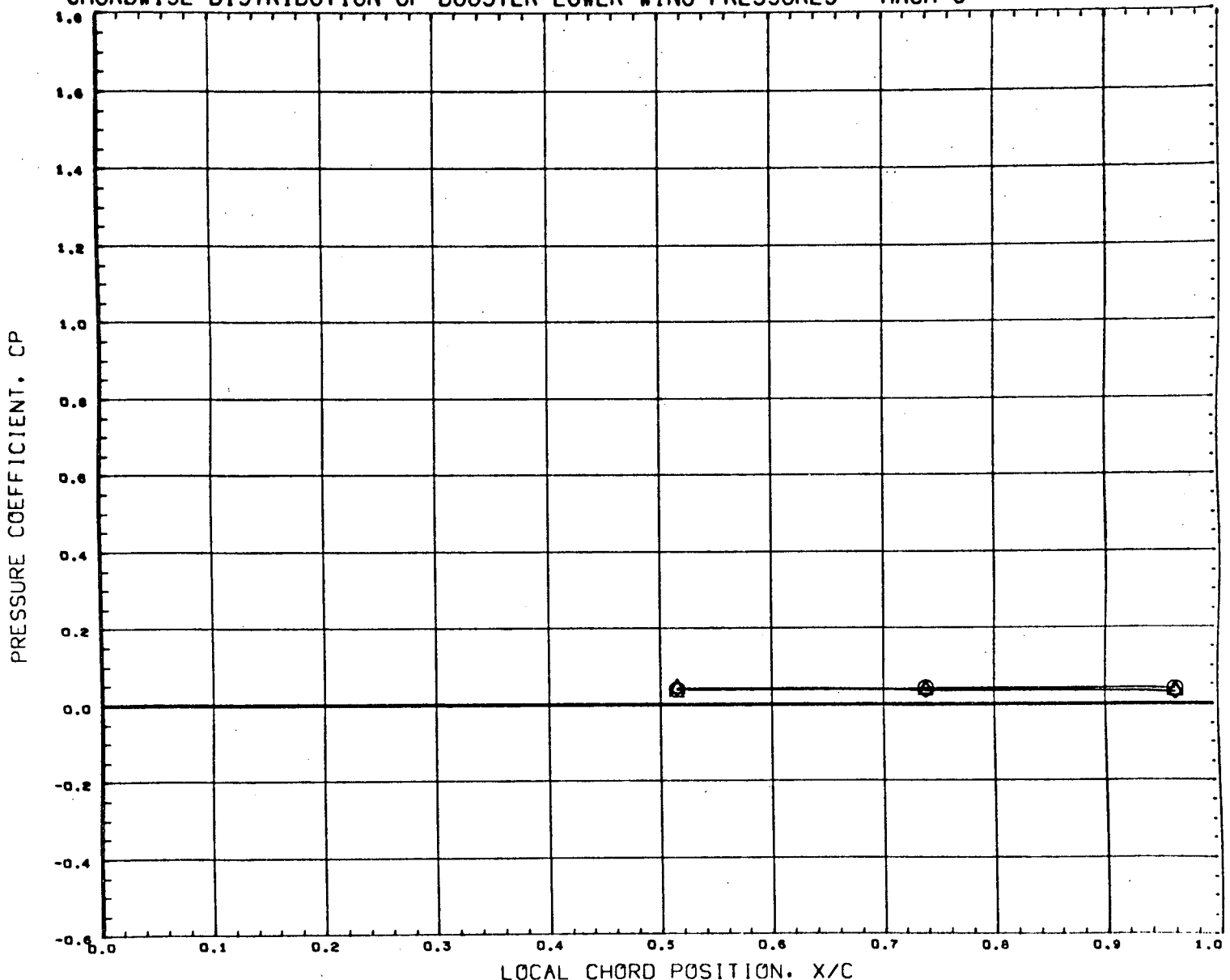
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8552•

PAGE 1256

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHA1	5.000
ORSPOW	0.000	BSTPOW	0.000

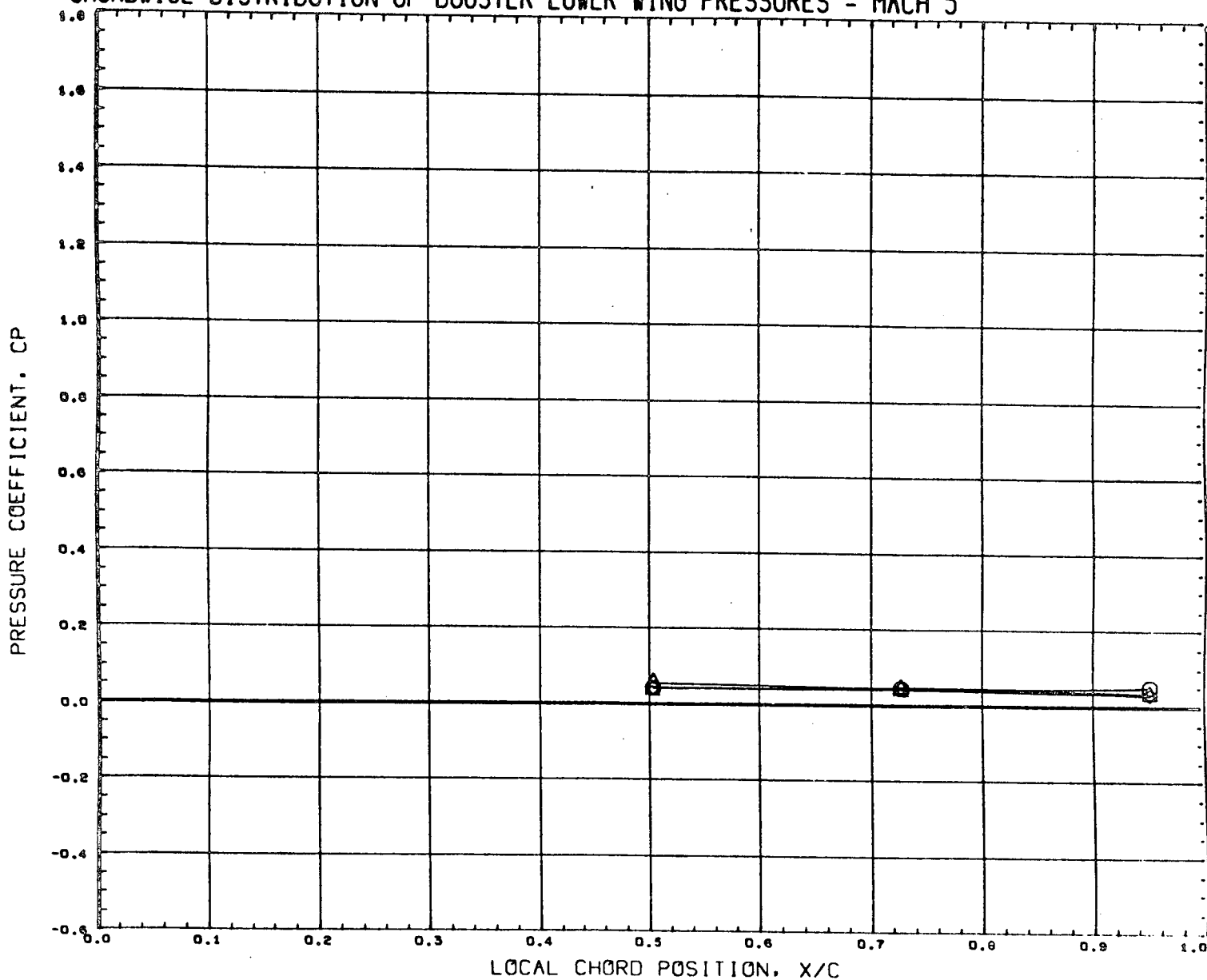
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8553•

PAGE 1257

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.060
MACH	4.970	ALPHA I	9.000
ORBPOW	0.000	BSTPOW	0.000

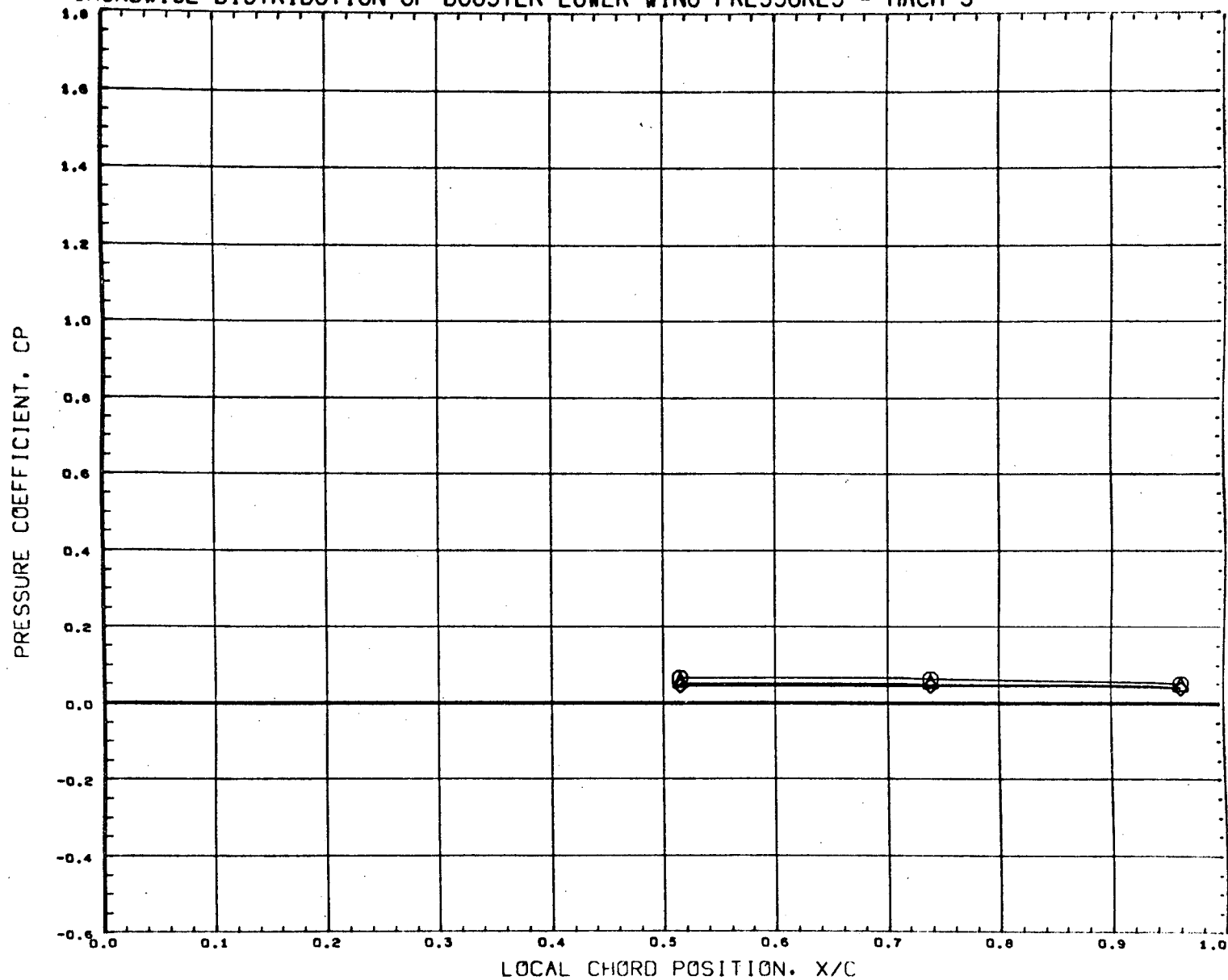
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8553•

PAGE 1258

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA8	0.060
MACH	4.970	ALPHA1	5.000
ORBPOW	0.000	BSTPOW	0.000

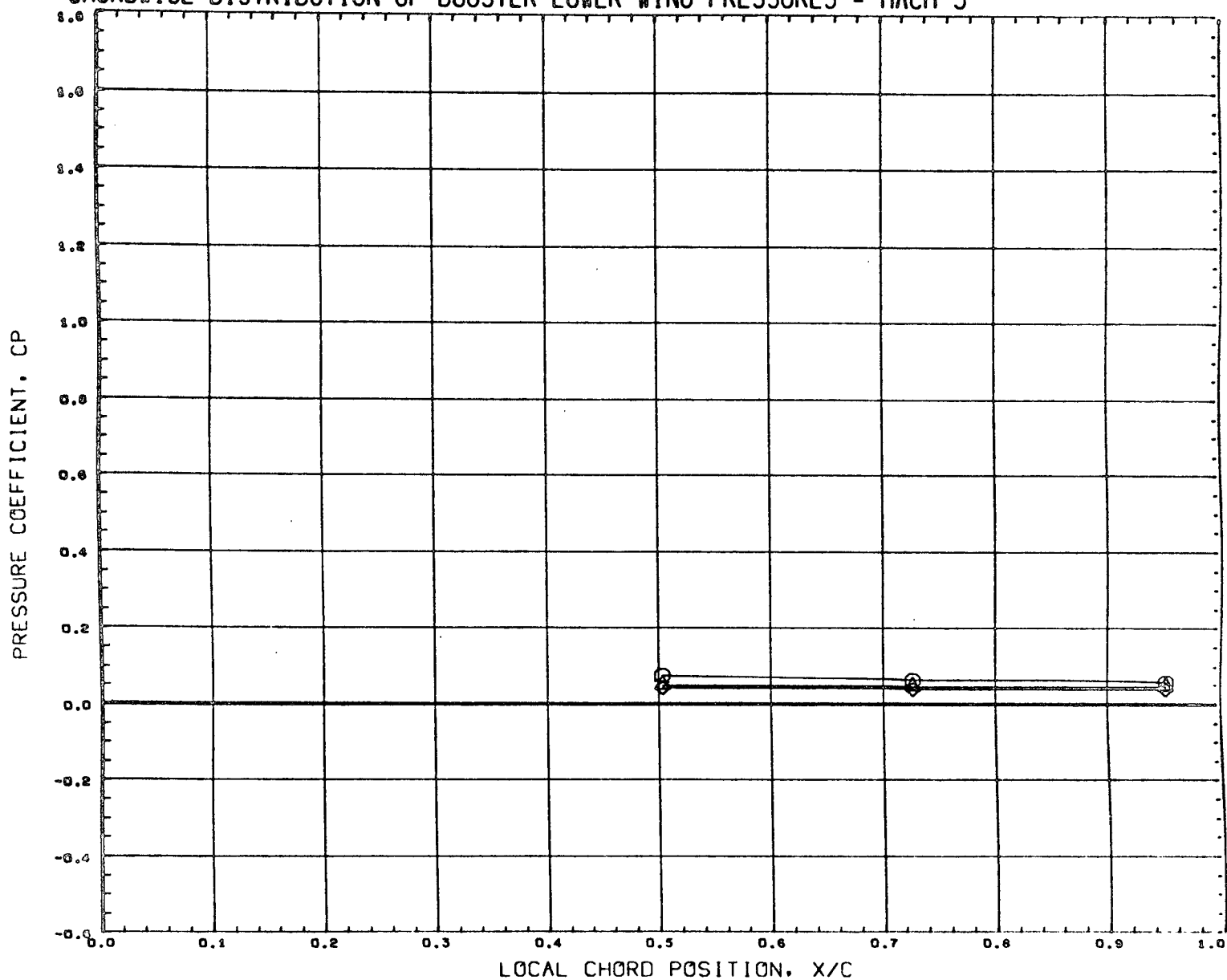
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8553•

PAGE 1259

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.228
△	0.102		
◇	0.228		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.060
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

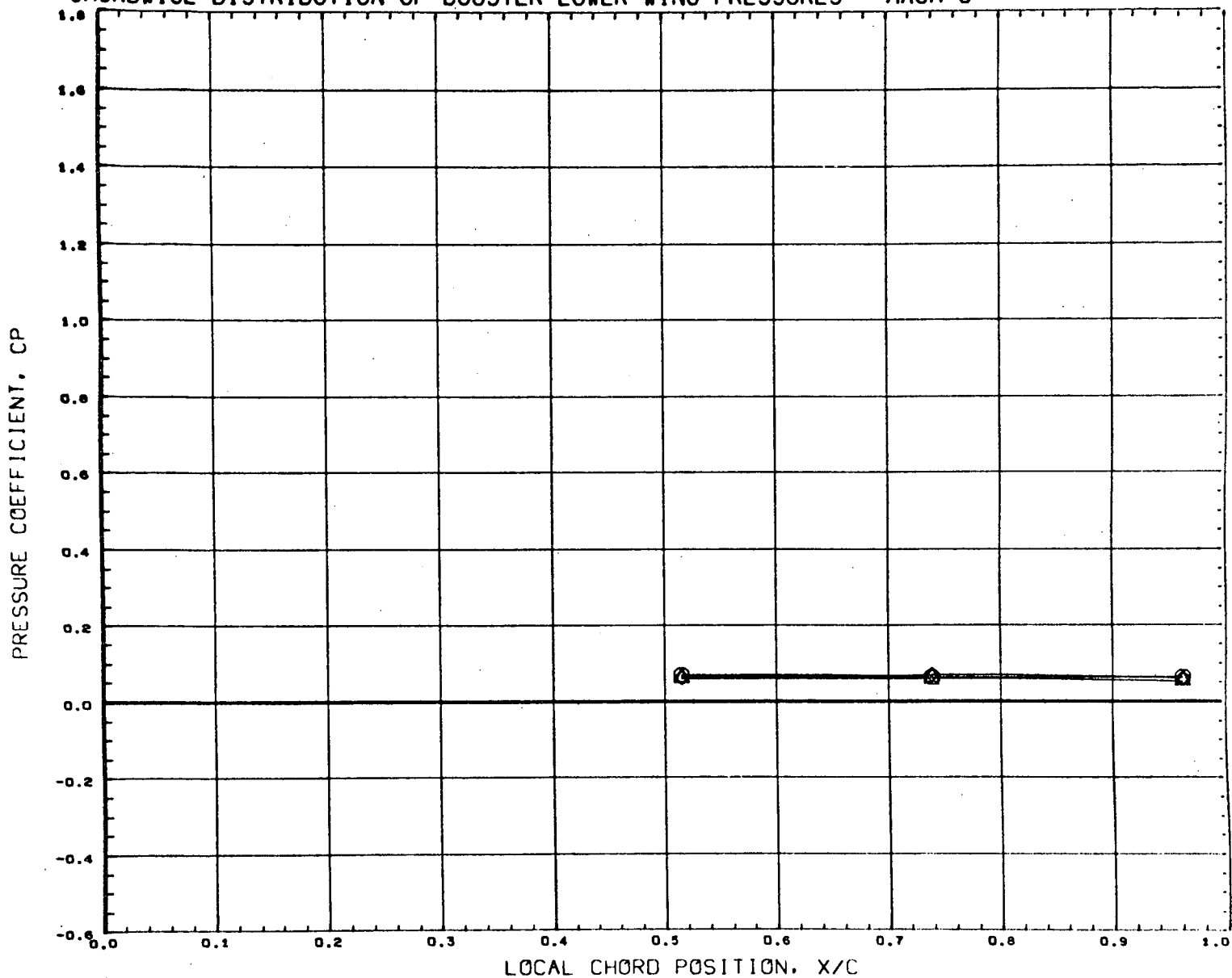
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8553•

PAGE 1260

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

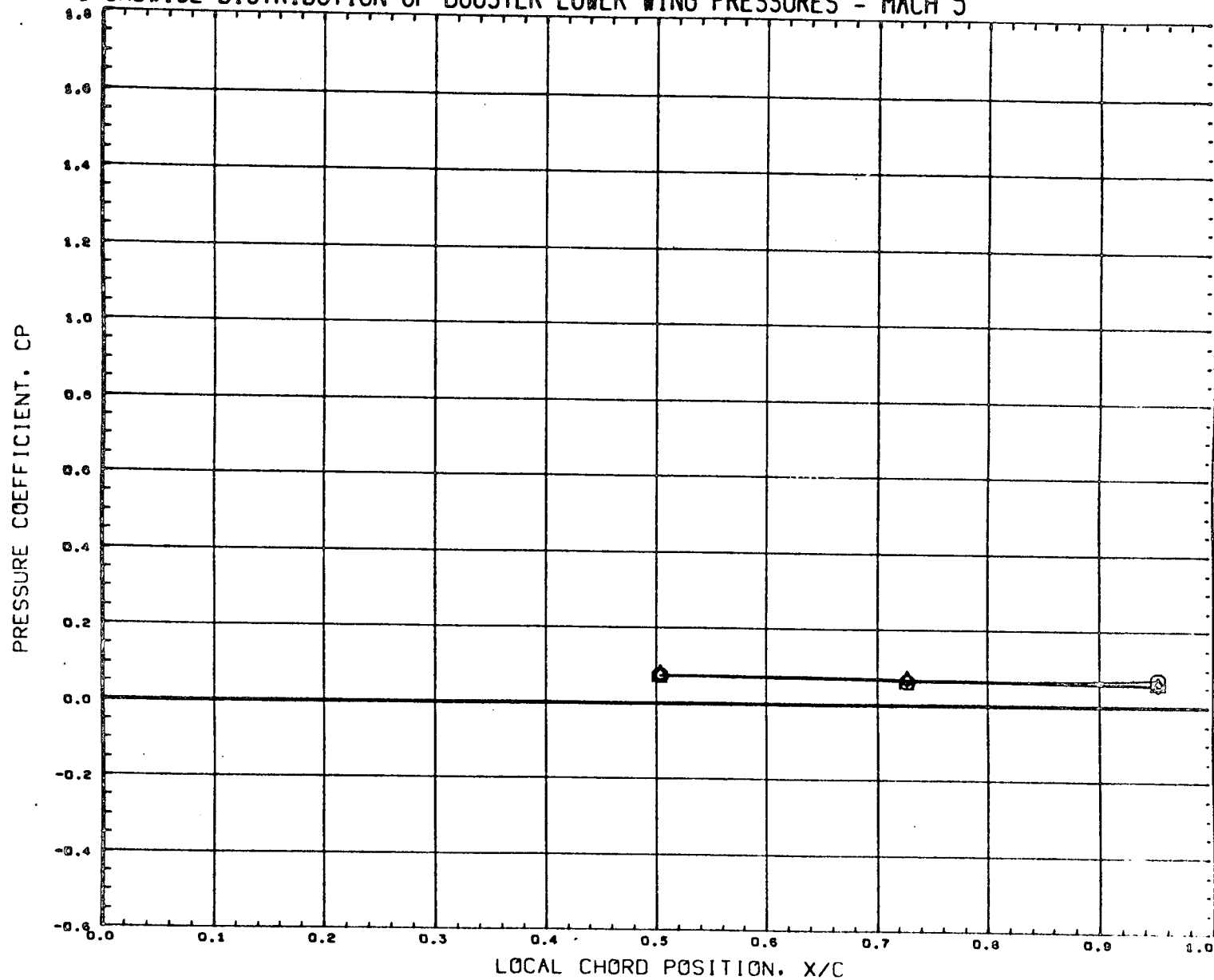
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8554•

PAGE 1261

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.033
MACH	4.970	ALPHA I	9.000
ORBPOW	0.000	BSTPOW	0.000

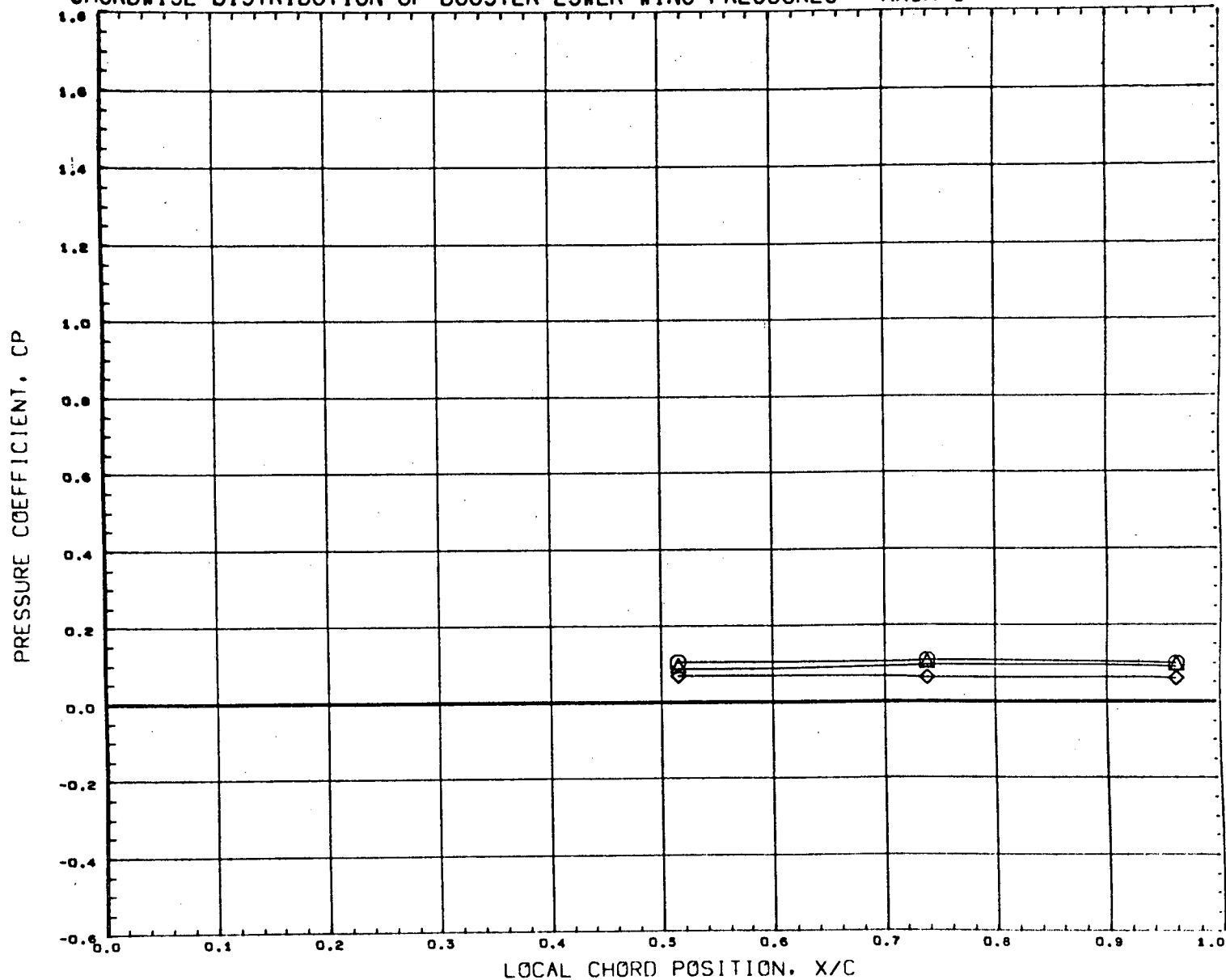
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8554•

PAGE 1262

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

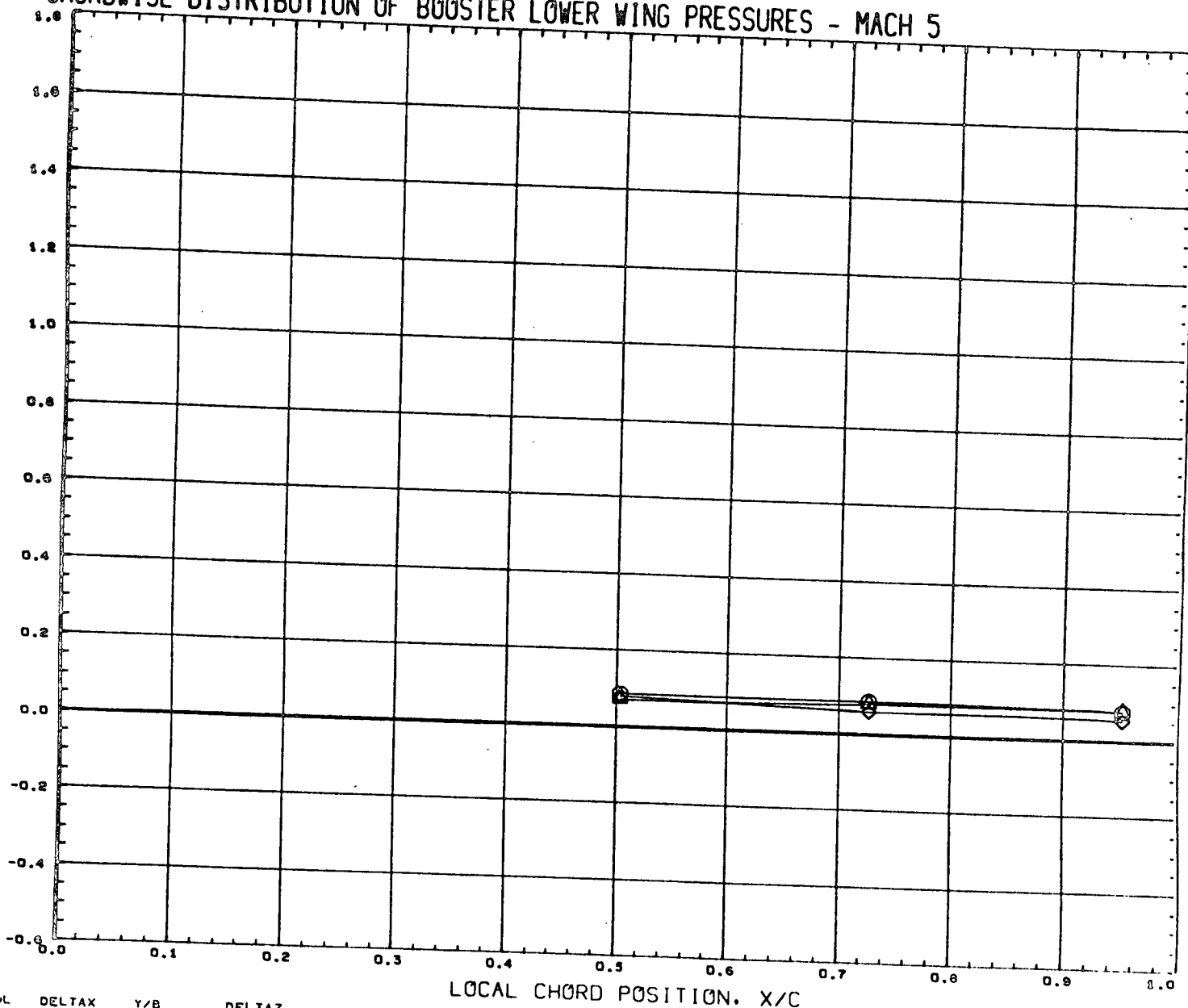
AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8554•

PAGE 1263

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

PRESSURE COEFFICIENT, CP



LOCAL CHORD POSITION, X/C

SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.033
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

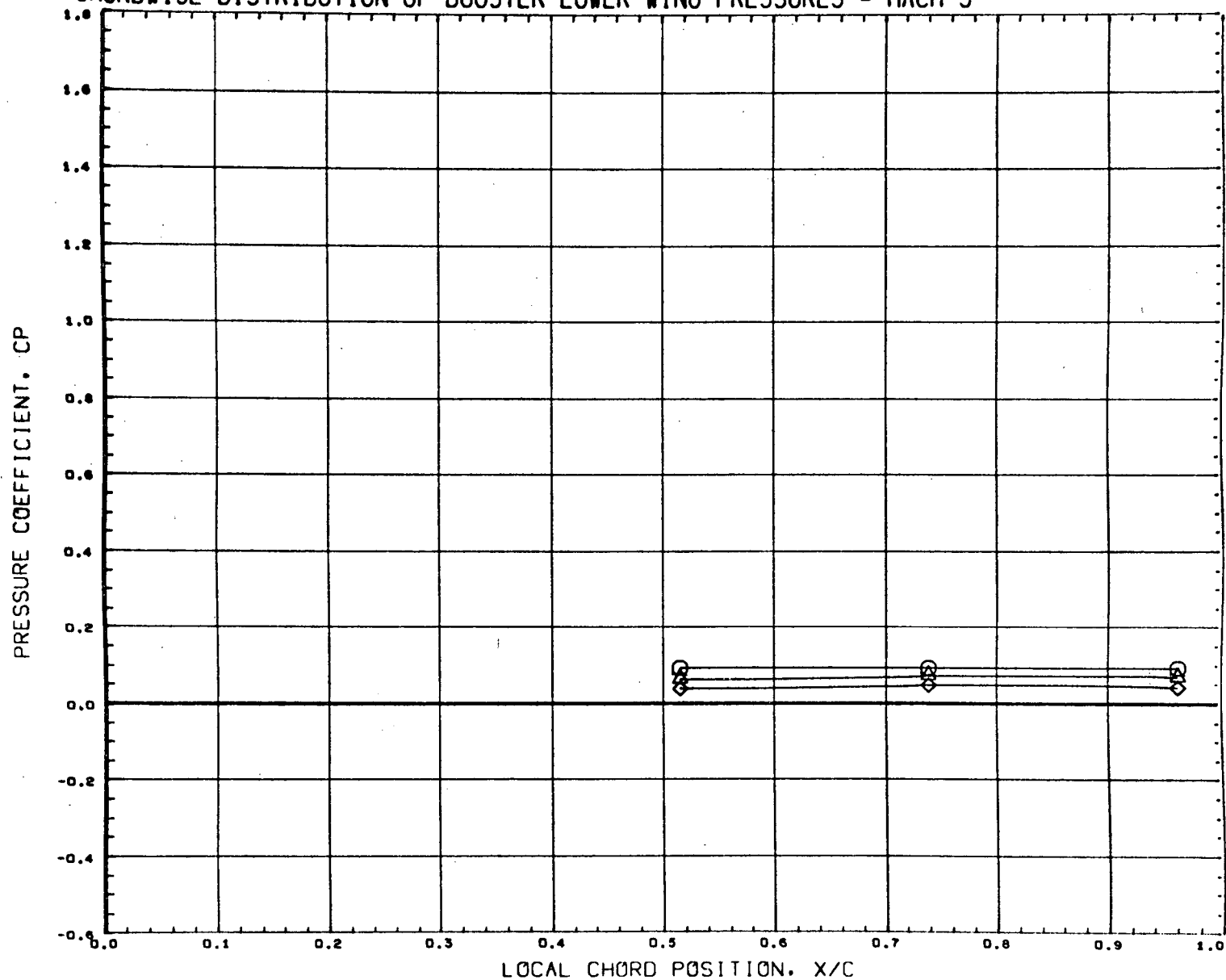
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8554•

PAGE 1264

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	- 4.935
MACH	4.970	ALPHA _T	0.000
ORBPOW	100.000	BSTPOW	50.000

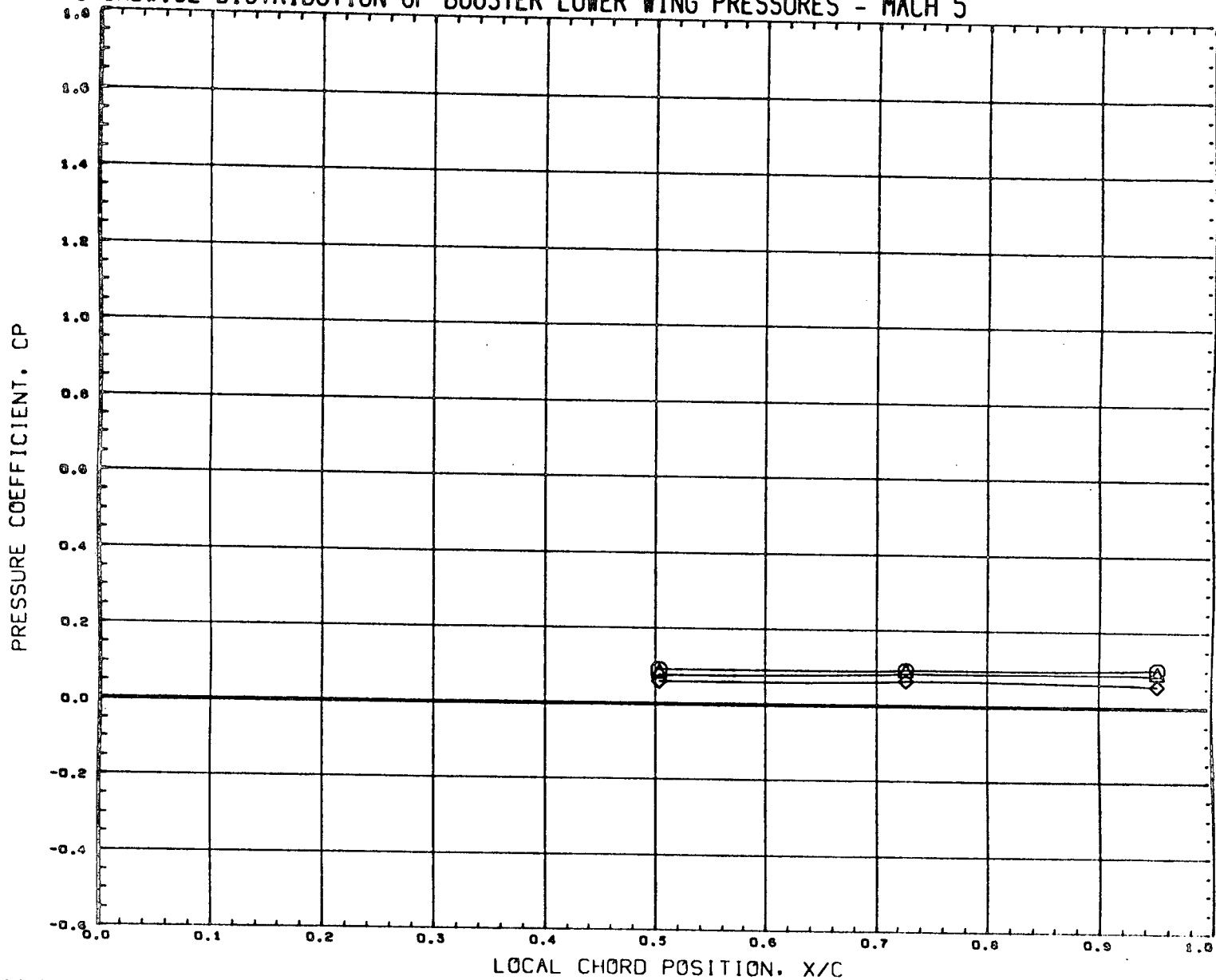
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8562•

PAGE 1265

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.939
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

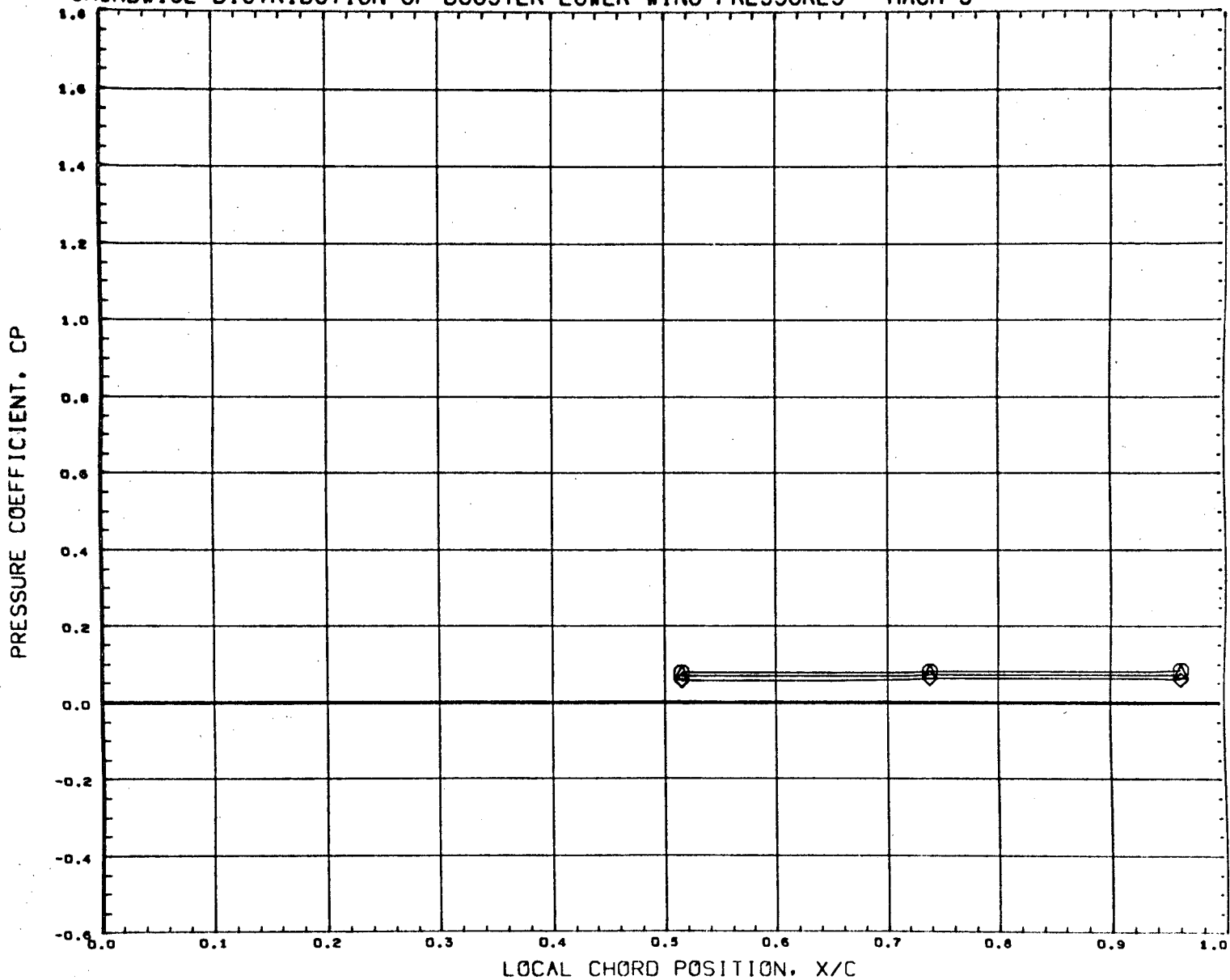
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8562•

PAGE 1266

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.935
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

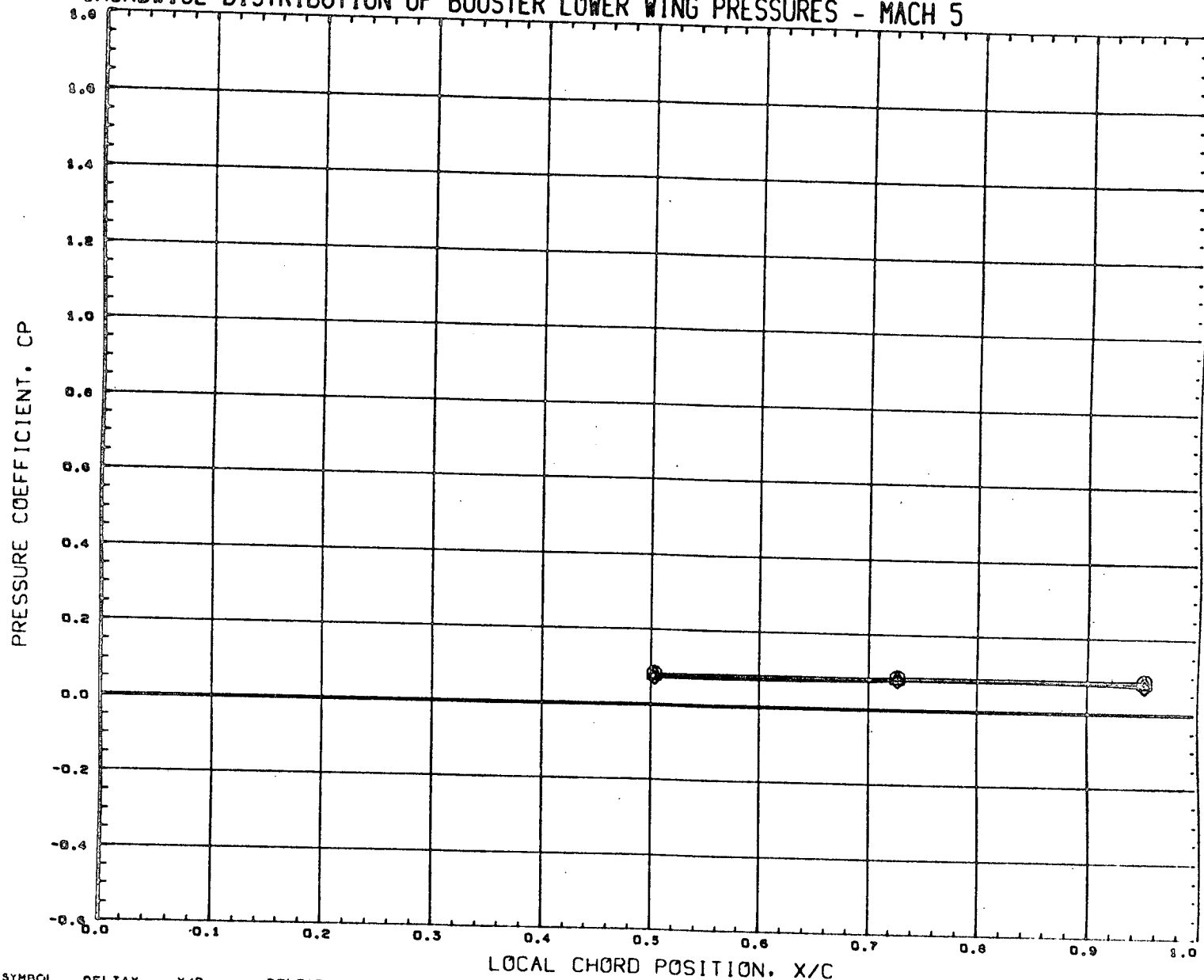
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8562•

PAGE 1267

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.933
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

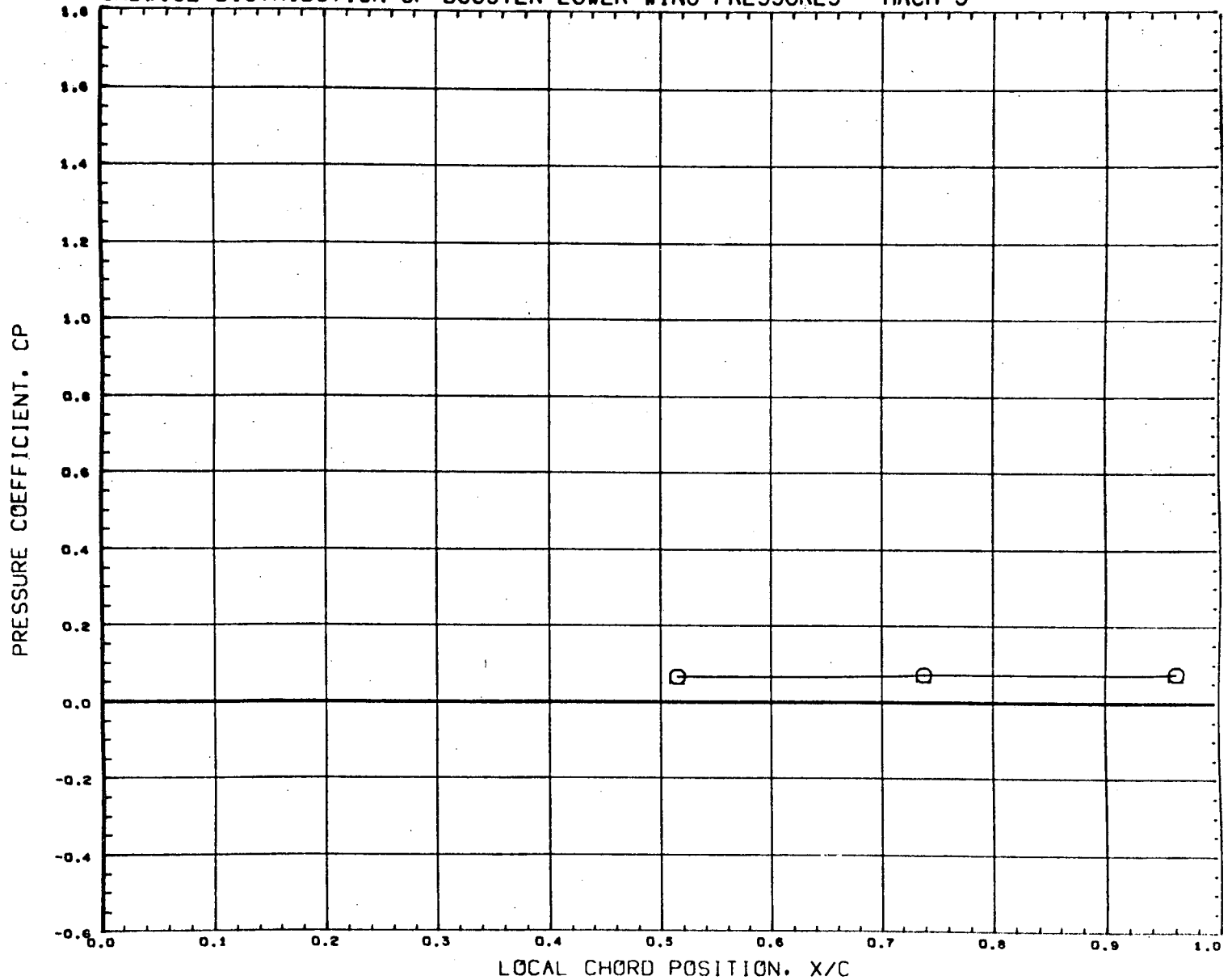
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8562•

PAGE 1268

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.221 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.935
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

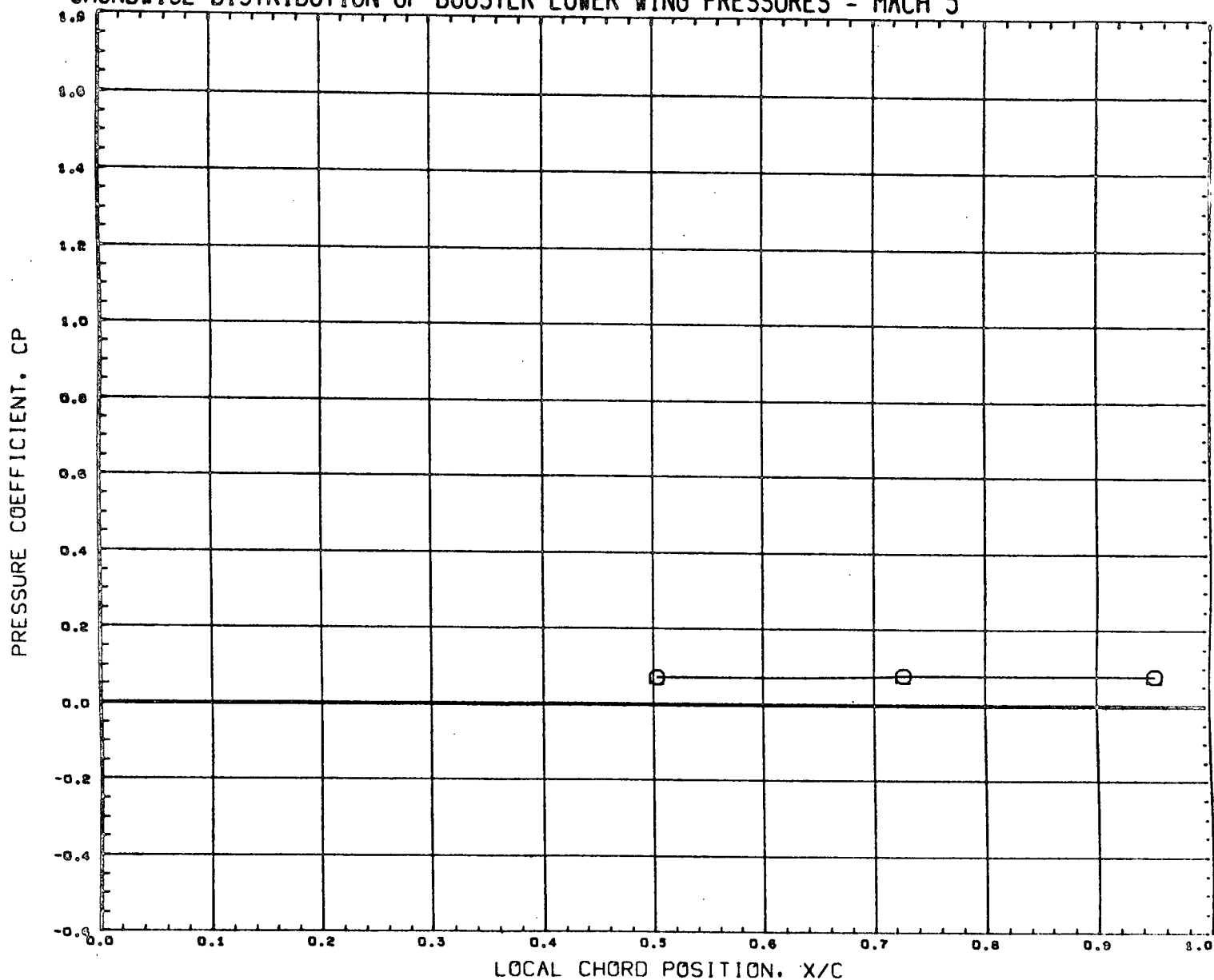
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8562•

PAGE 1269

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.933
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 90.000

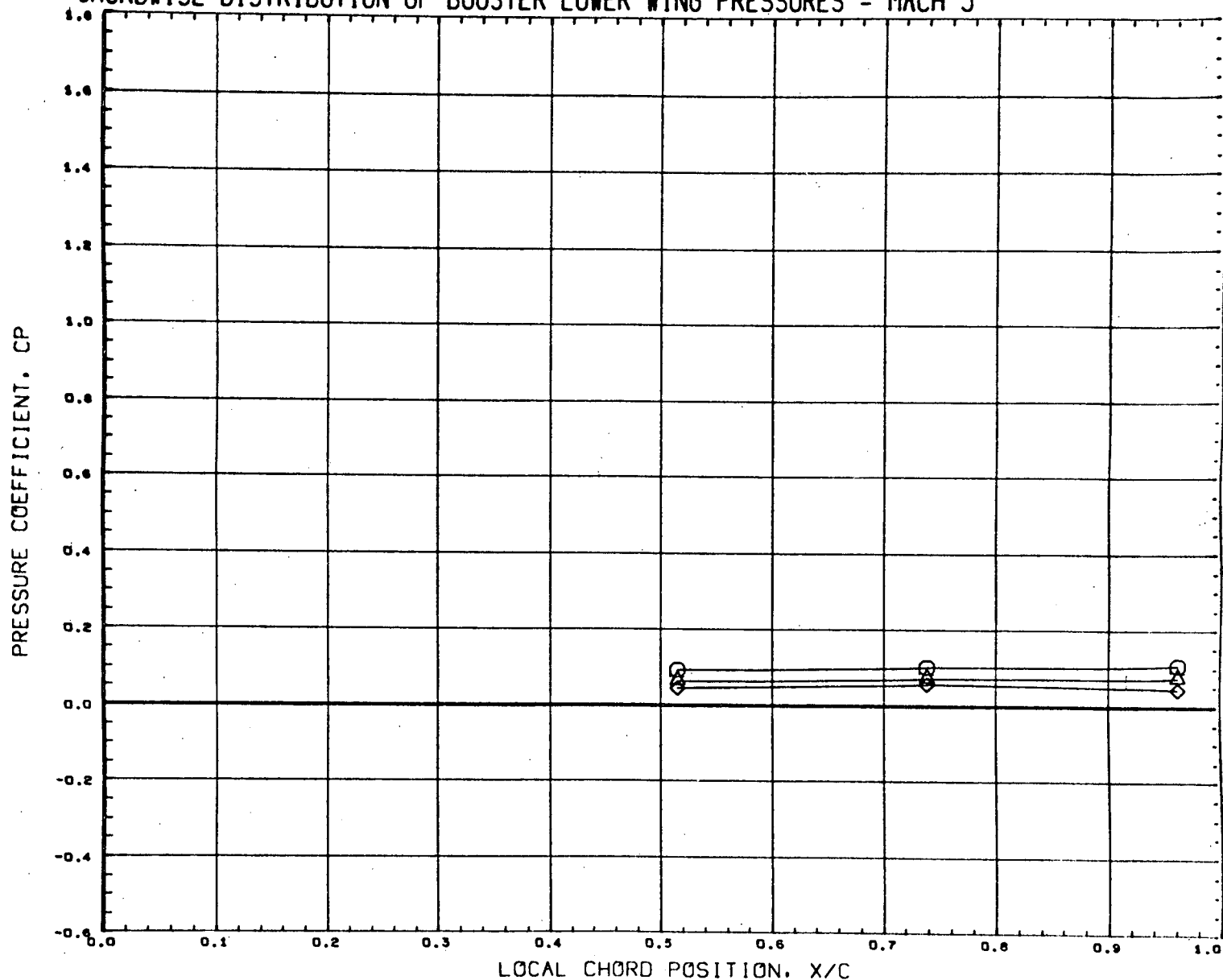
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8562•

PAGE 1270

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

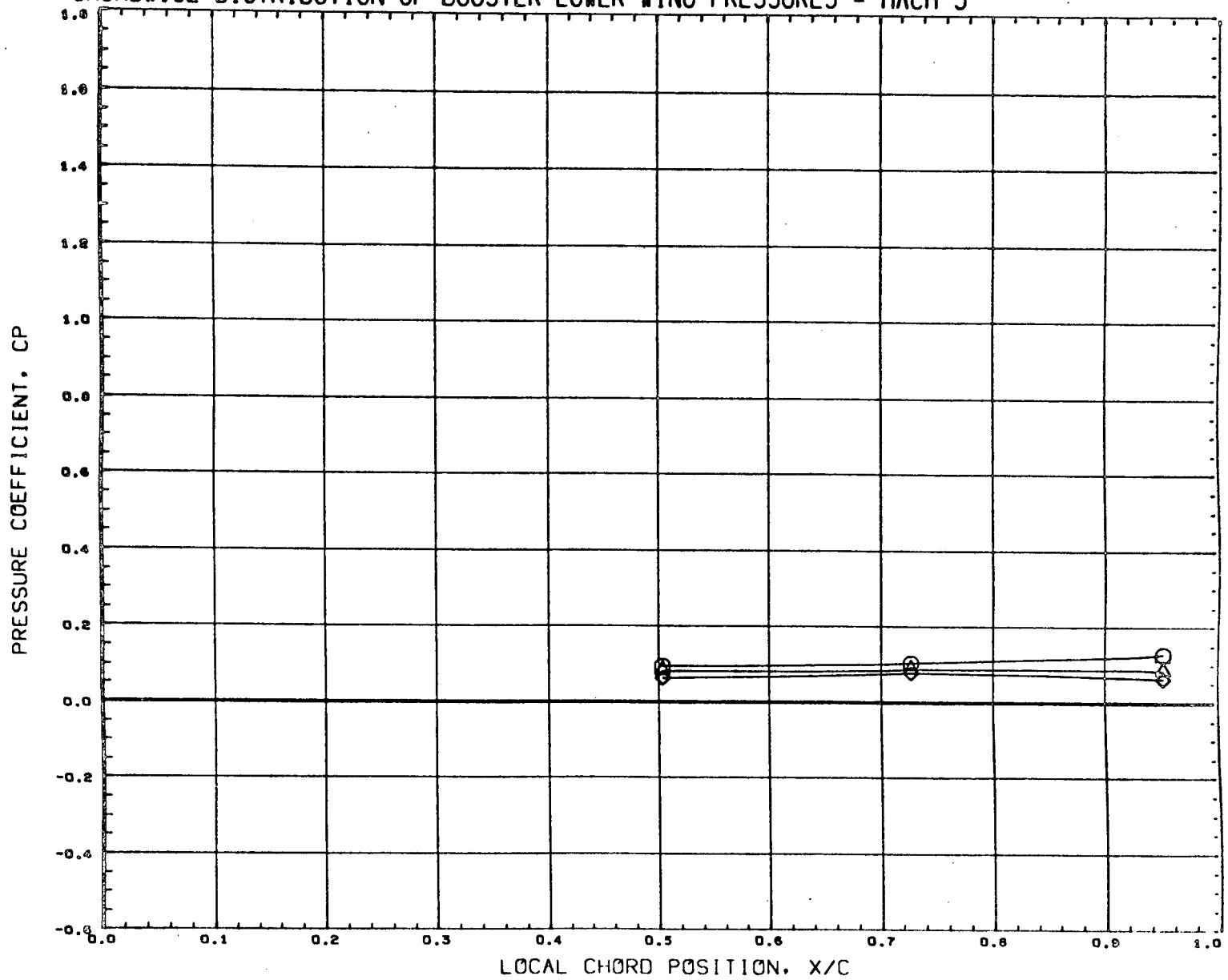
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8563•

PAGE 1271

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

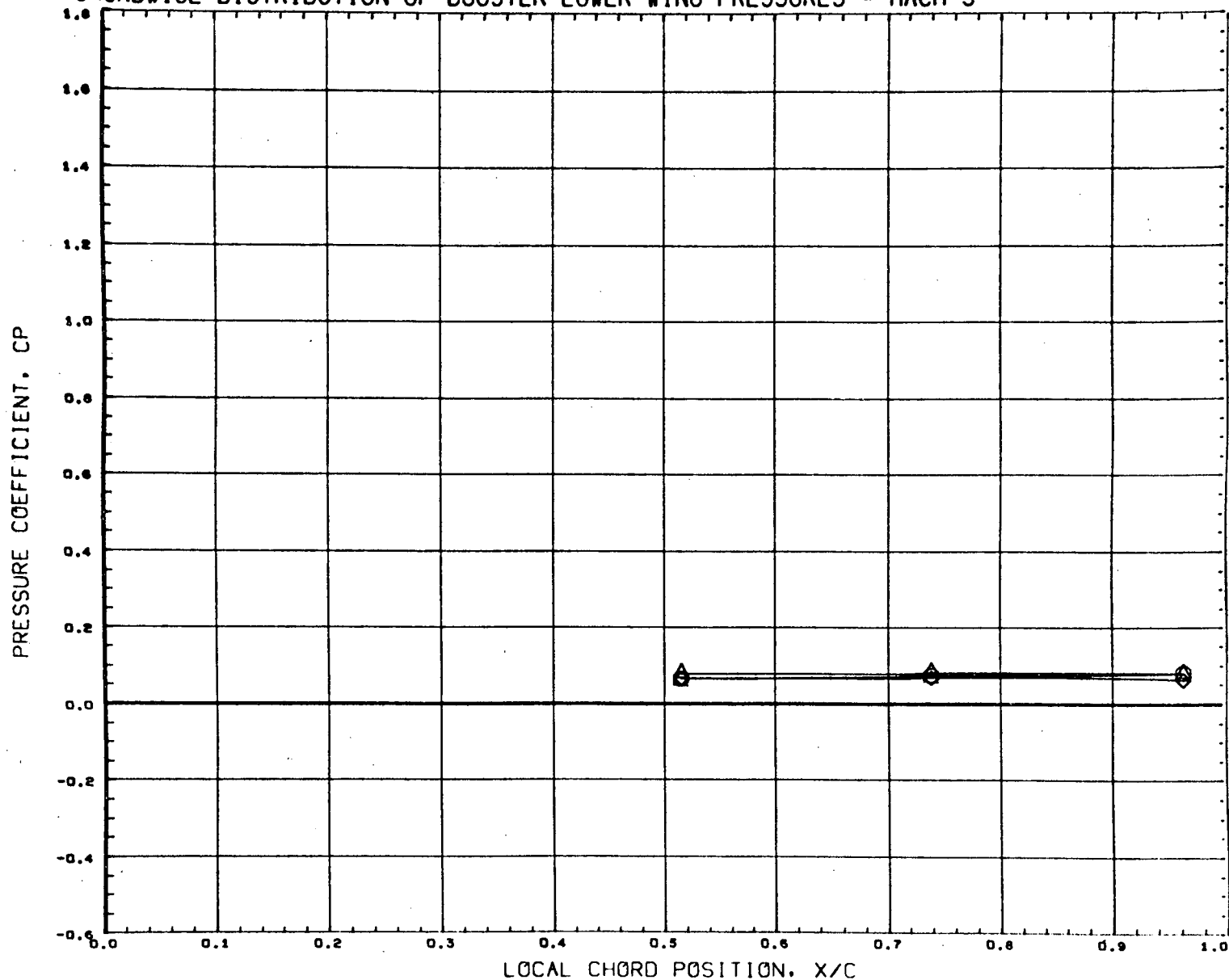
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8563•

PAGE 1272

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

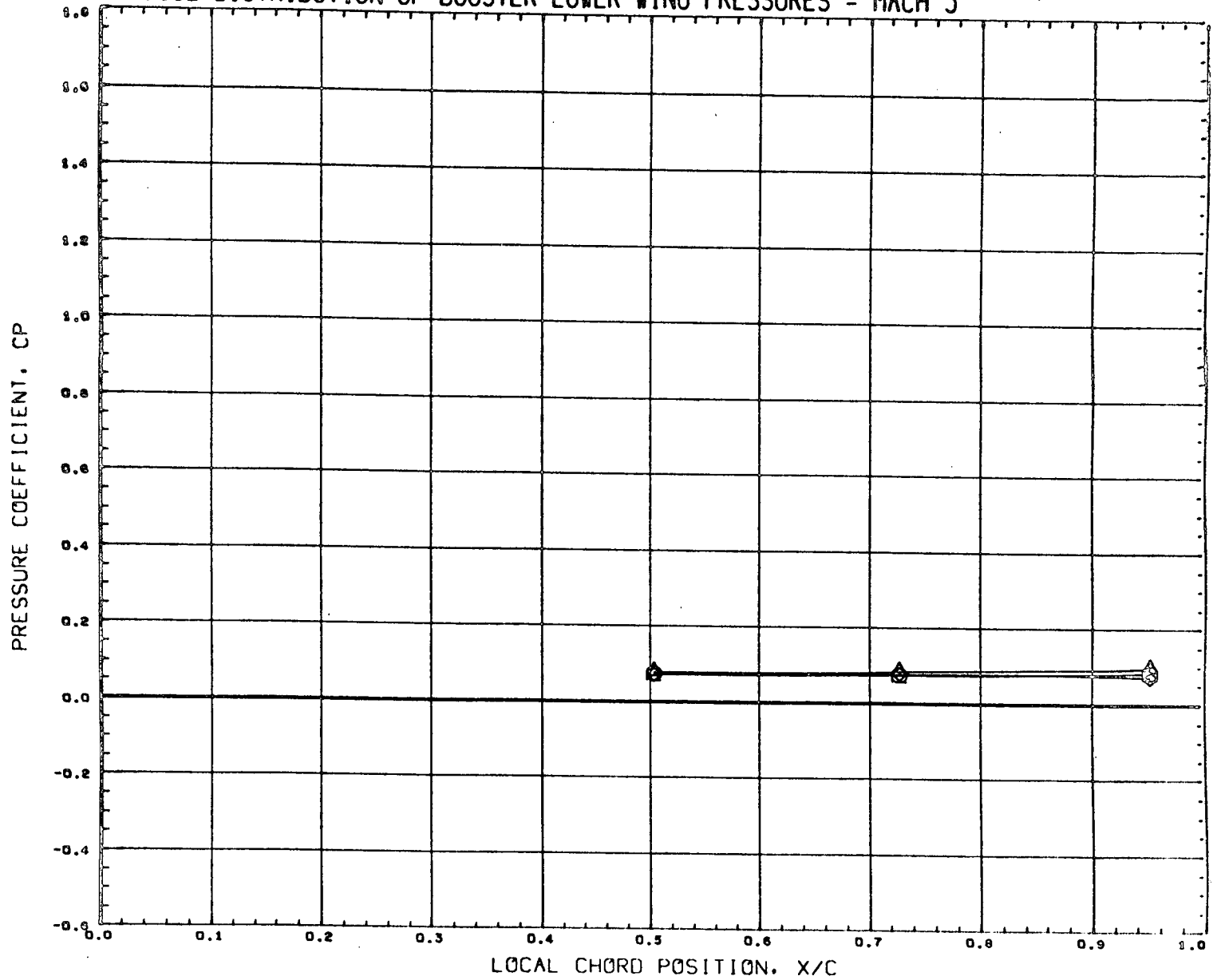
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8563•

PAGE 1273

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
-	0.144	0.359	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

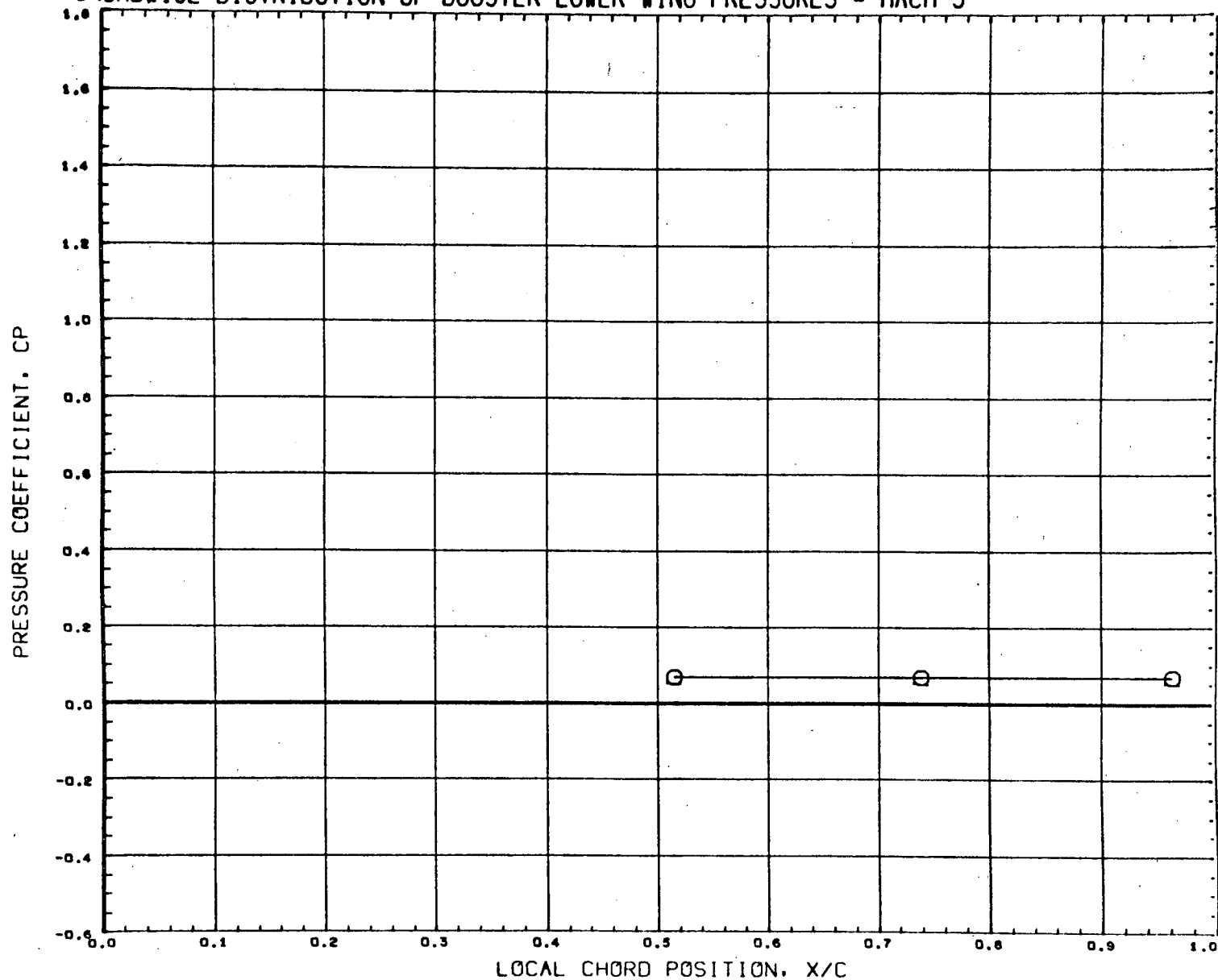
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8563•

PAGE 1274

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.320	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

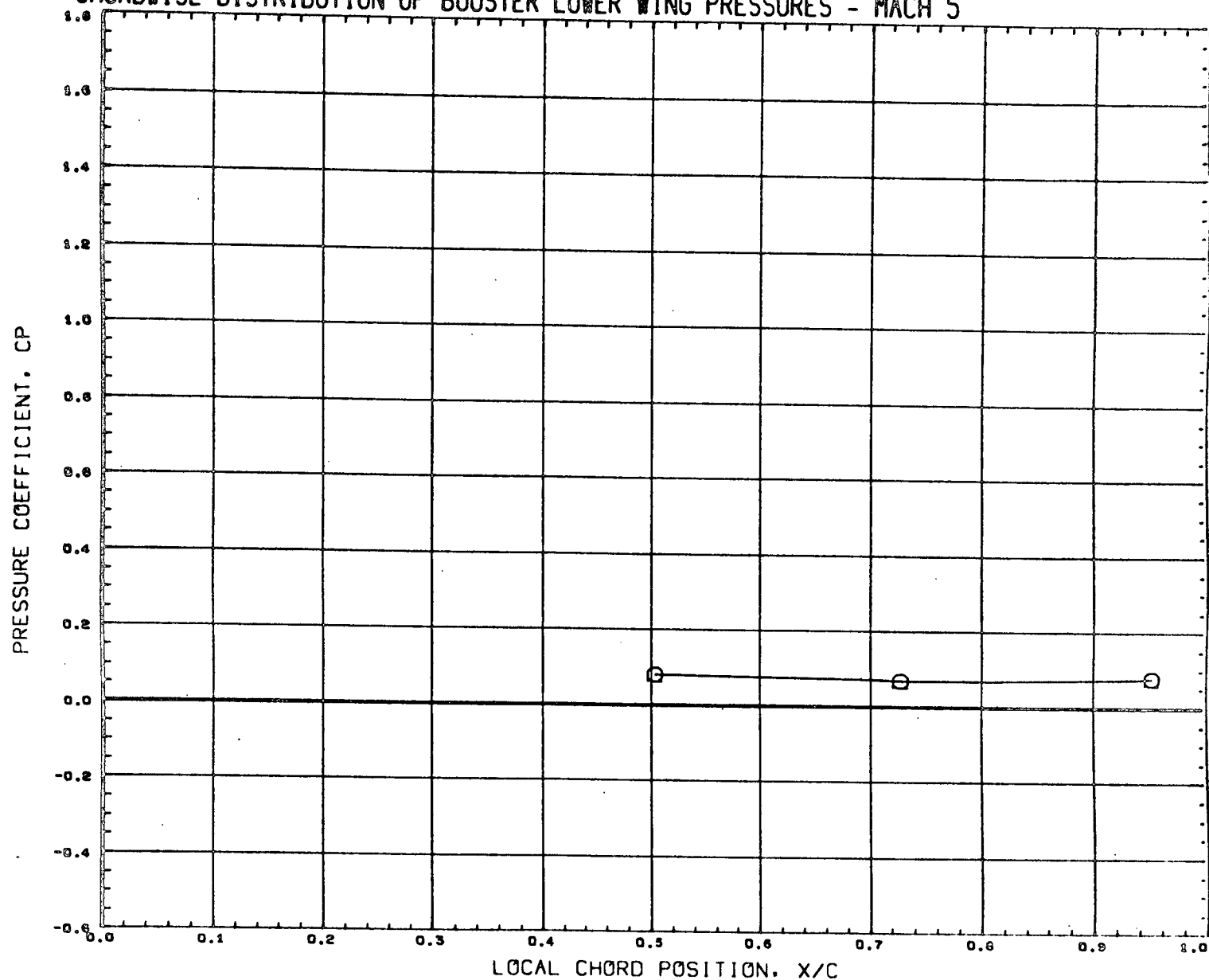
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8563•

PAGE 1275

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.920 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.002
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 90.000

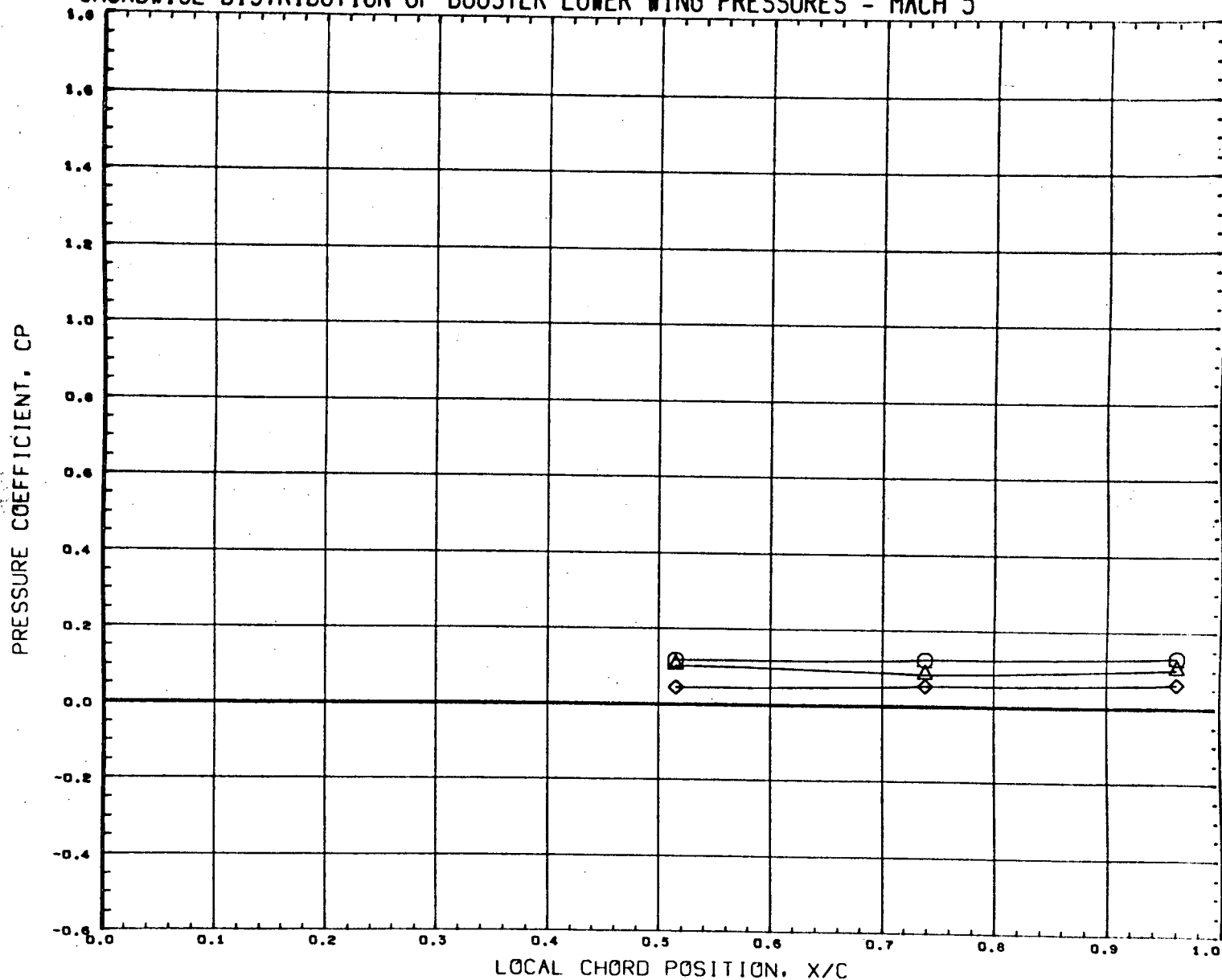
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8563•

PAGE 1276

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	3.378
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

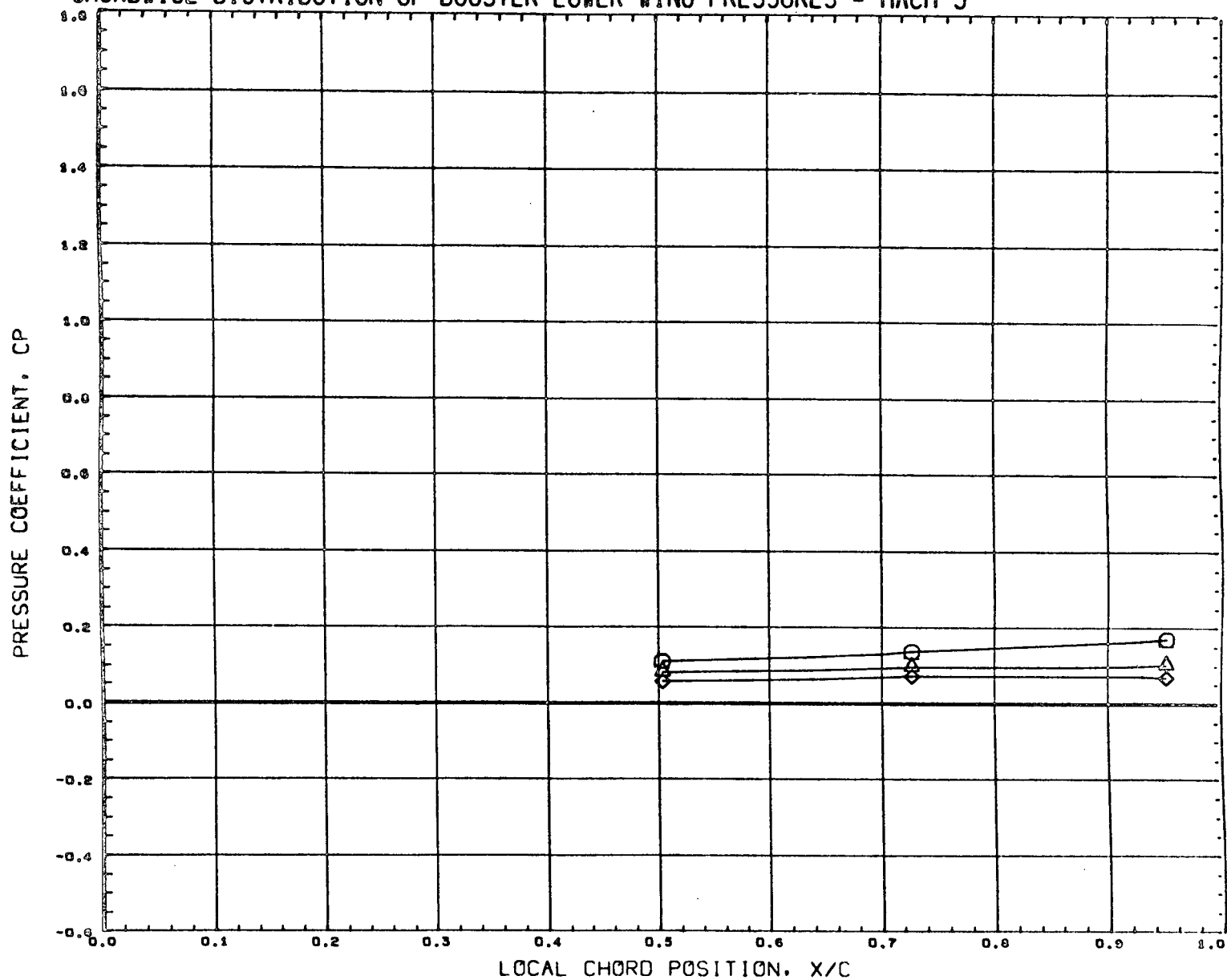
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8564•

PAGE 1277

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.143	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	90.000

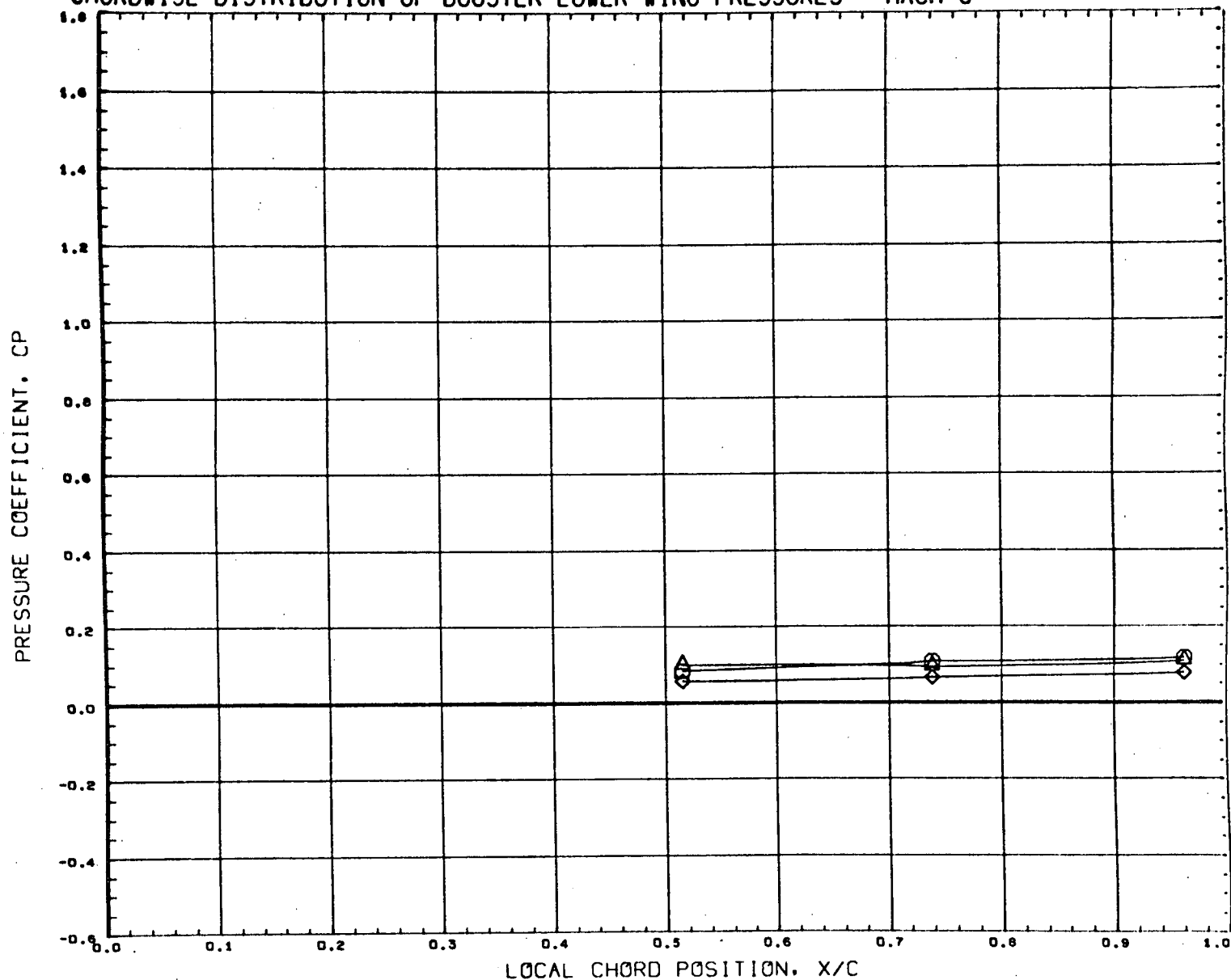
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8564•

PAGE 1278

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.578
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

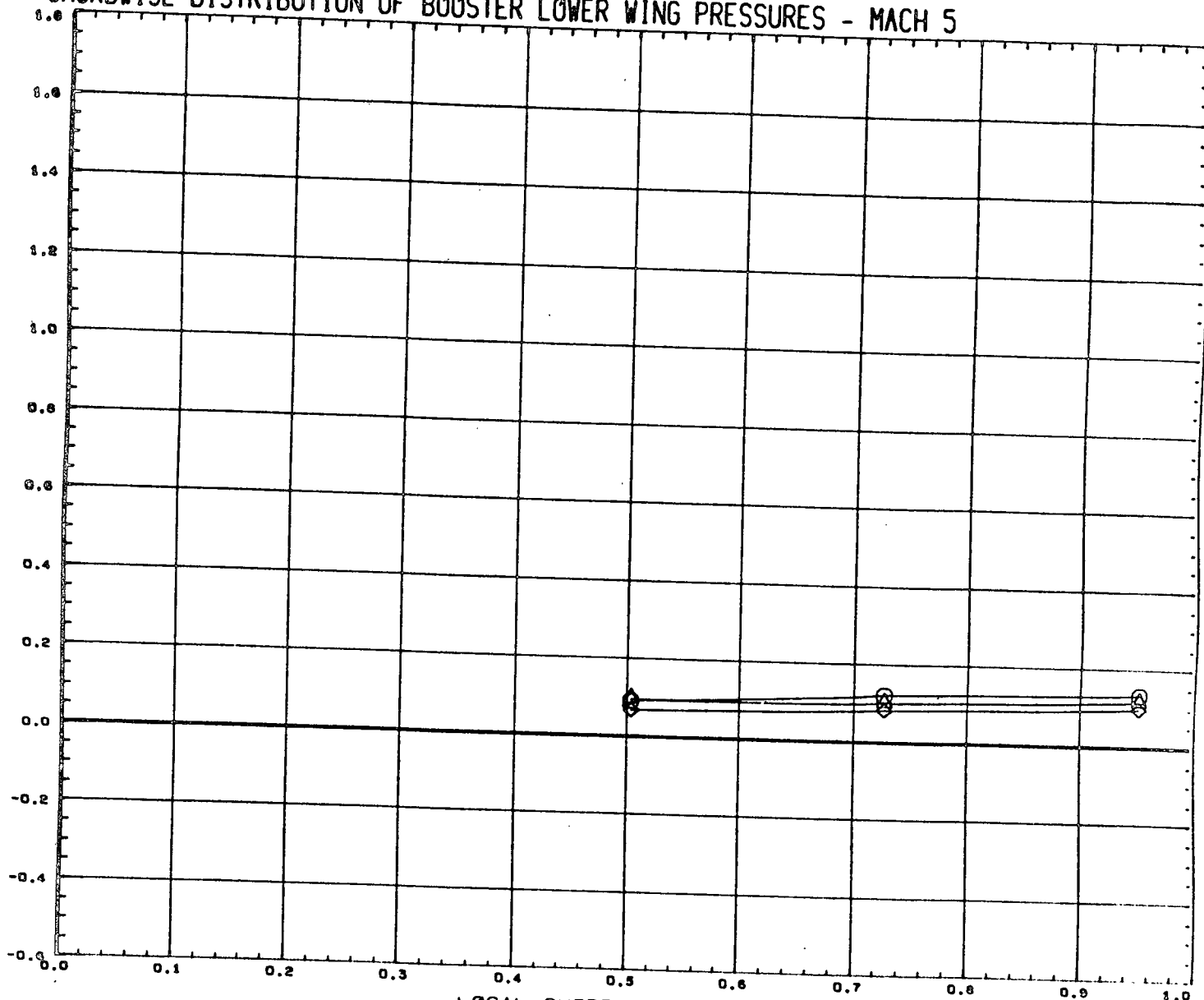
AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8564•

PAGE 1279

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

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SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.399	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.378
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	30.000

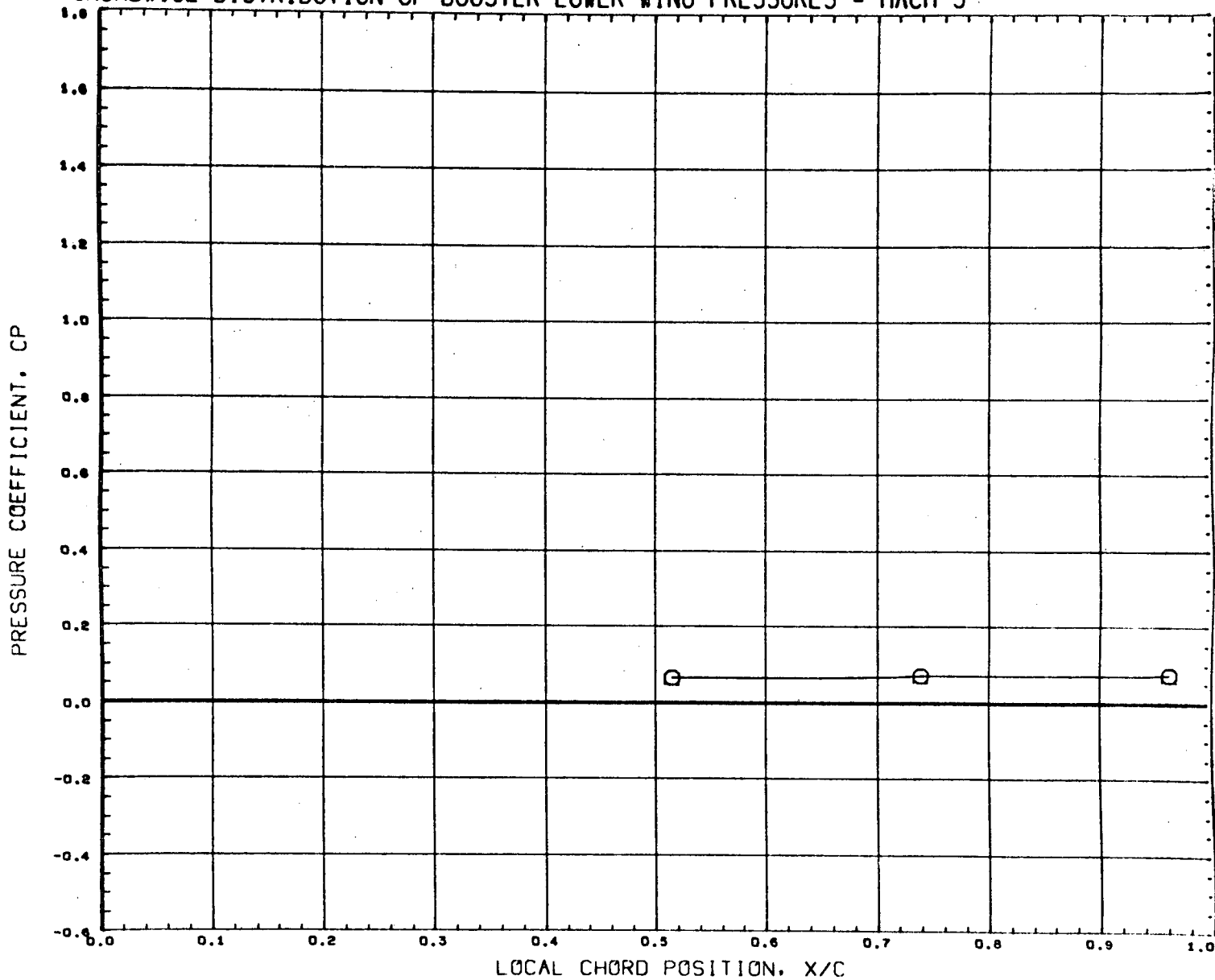
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8564•

PAGE 1280

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.578
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

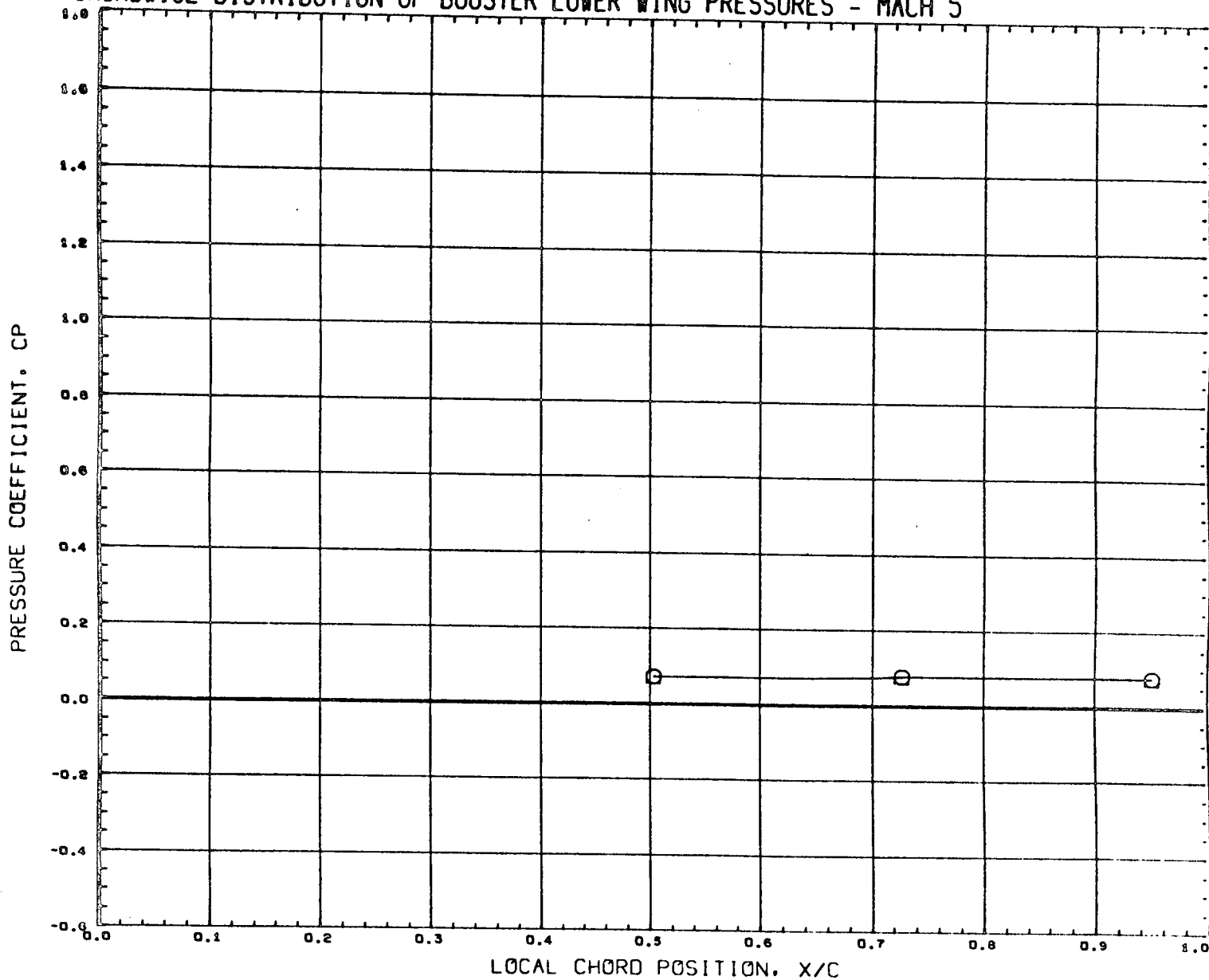
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8564•

PAGE 1281

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 3.578
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 90.000

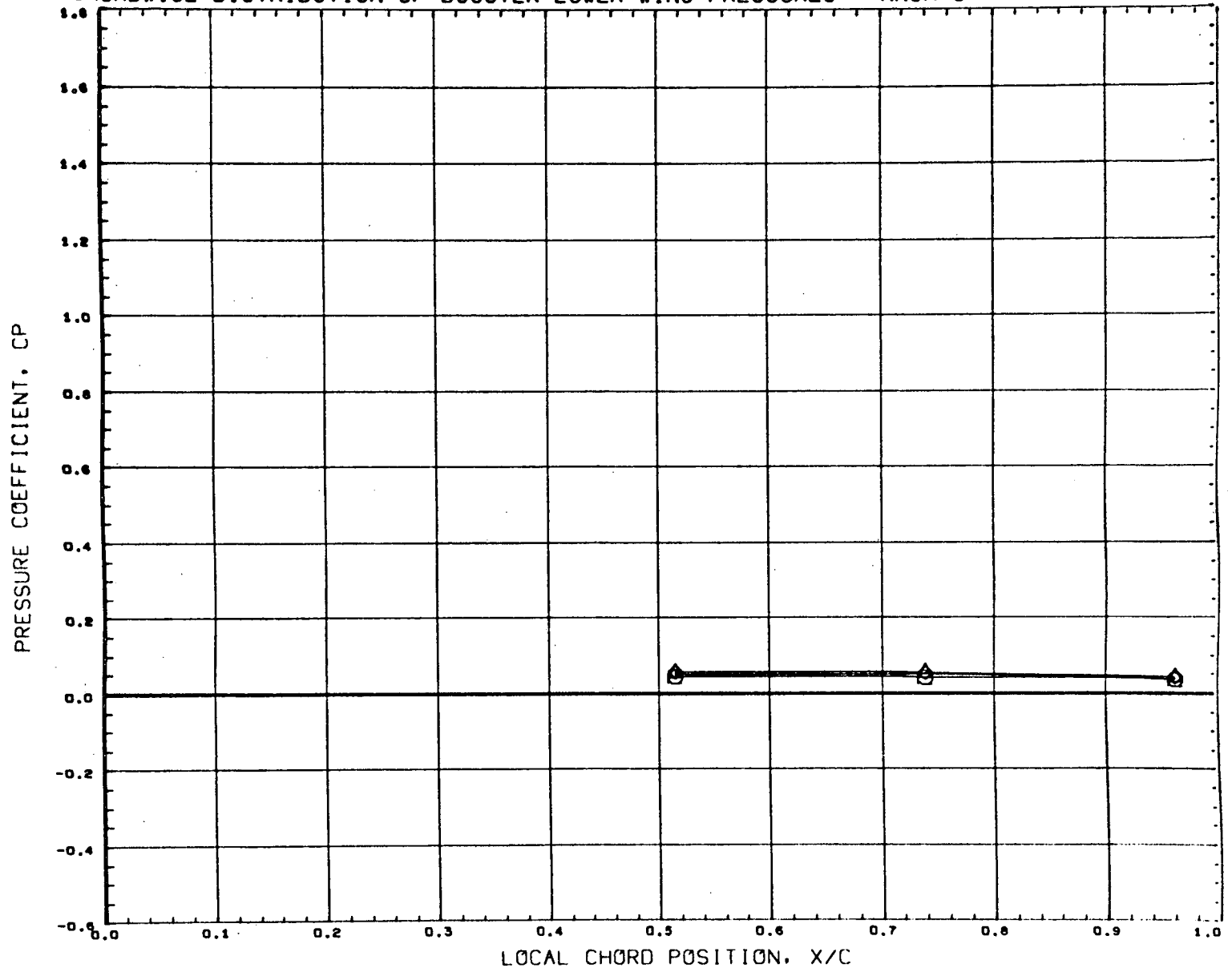
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8564•

PAGE 1282

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.930
MACH	4.970	ALPHAT	0.000
ORBPOW	0.000	BSTPOW	0.000

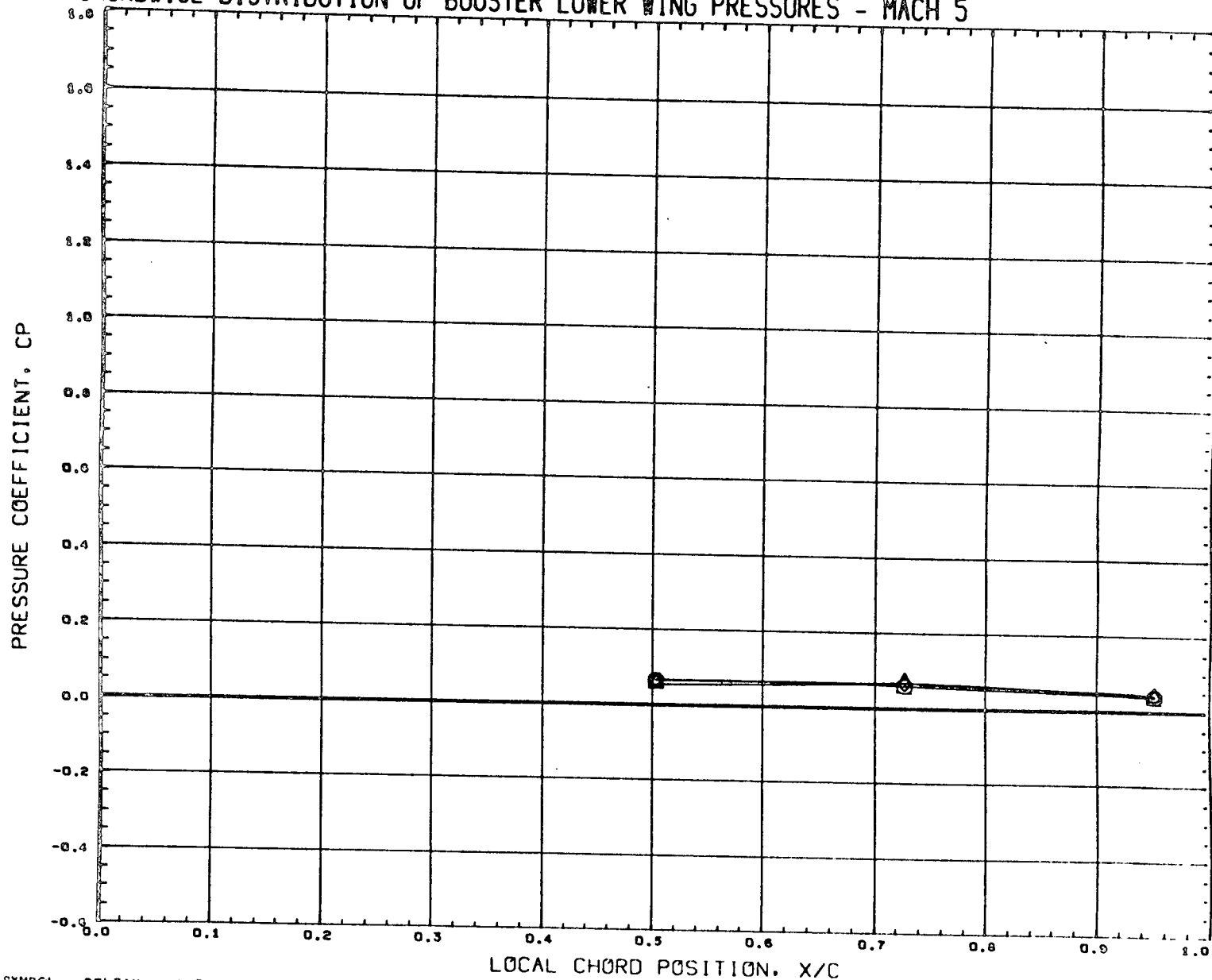
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8572•

PAGE 1283

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

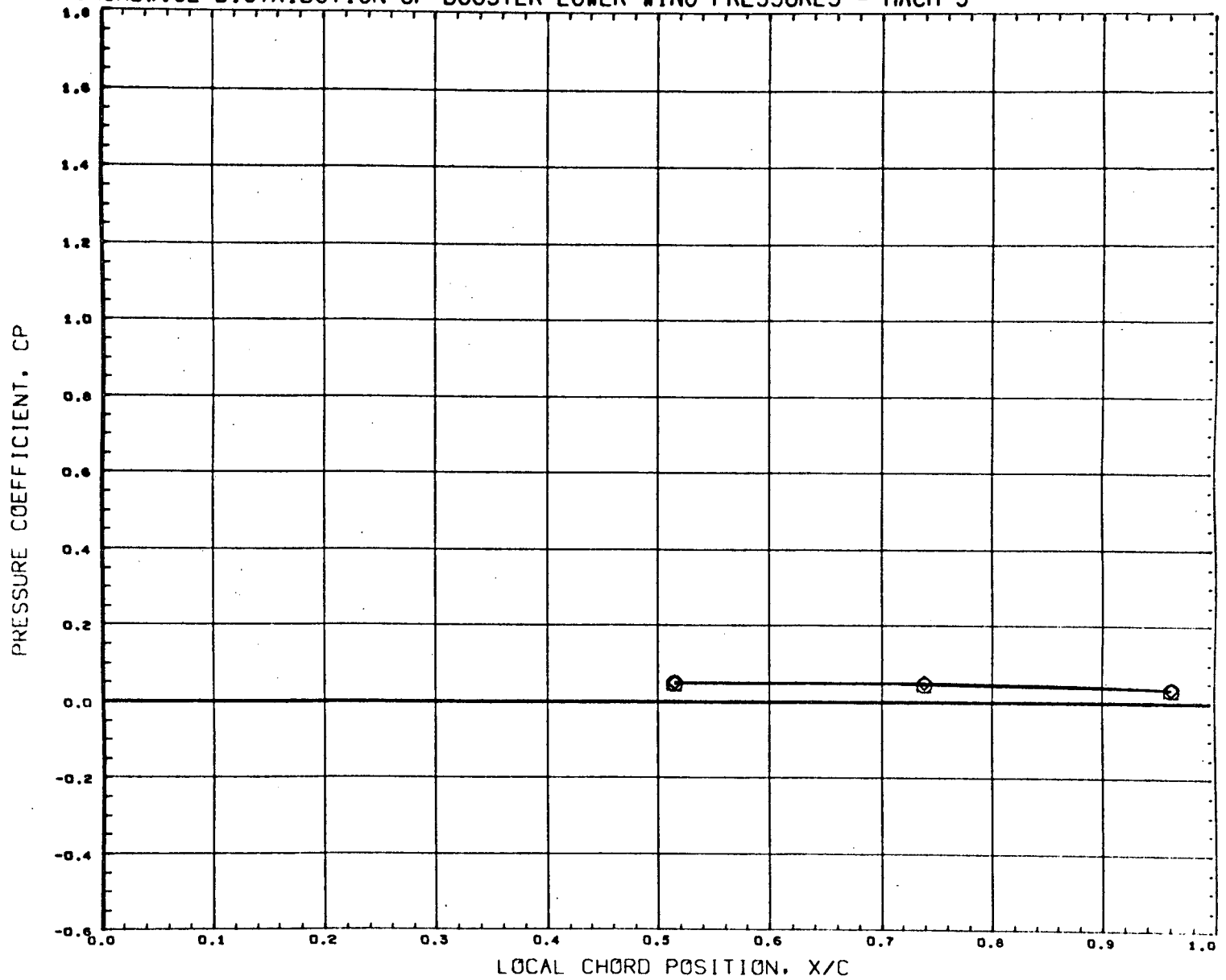
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8572•

PAGE 1284

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

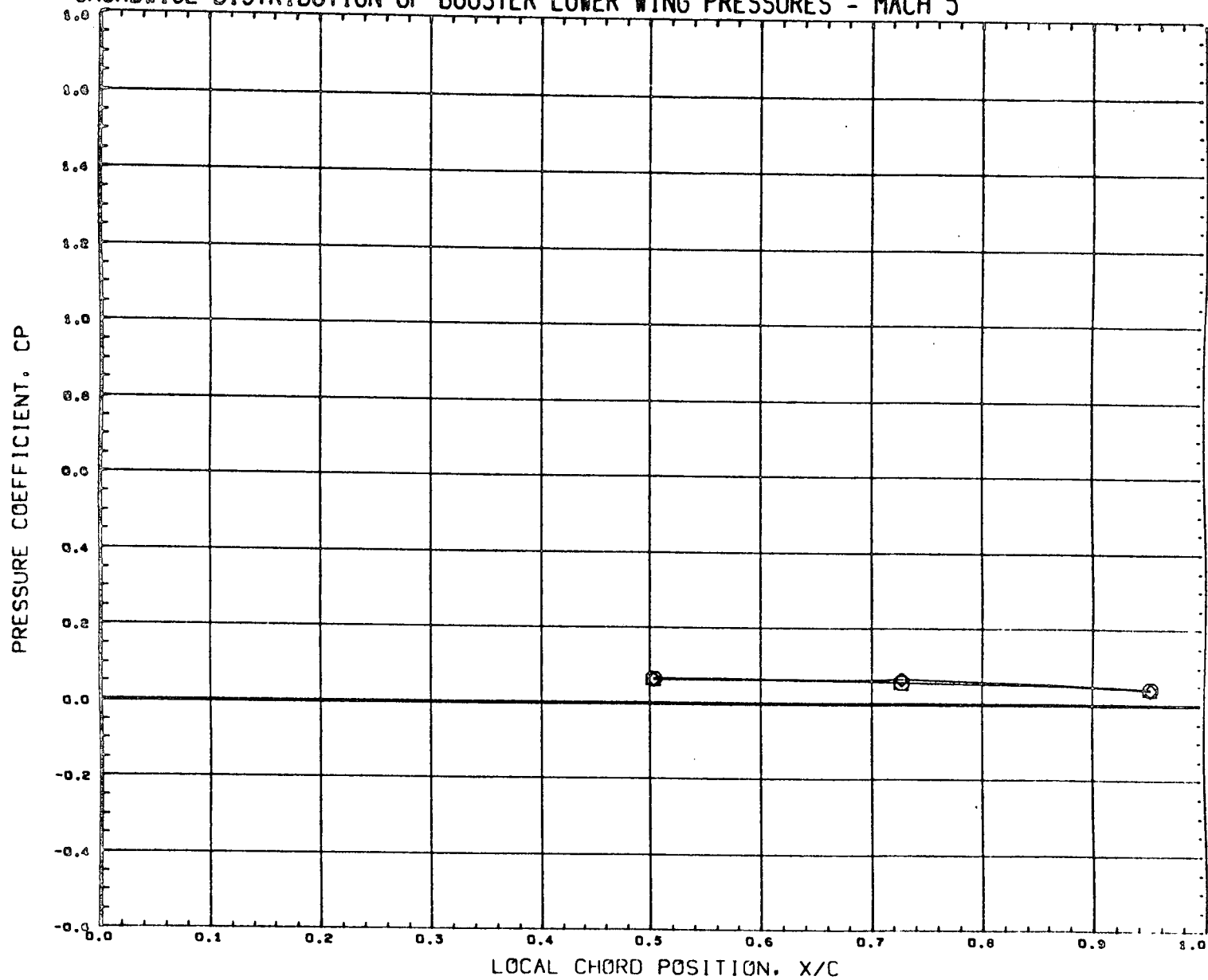
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8572•

PAGE 1285

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.339	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

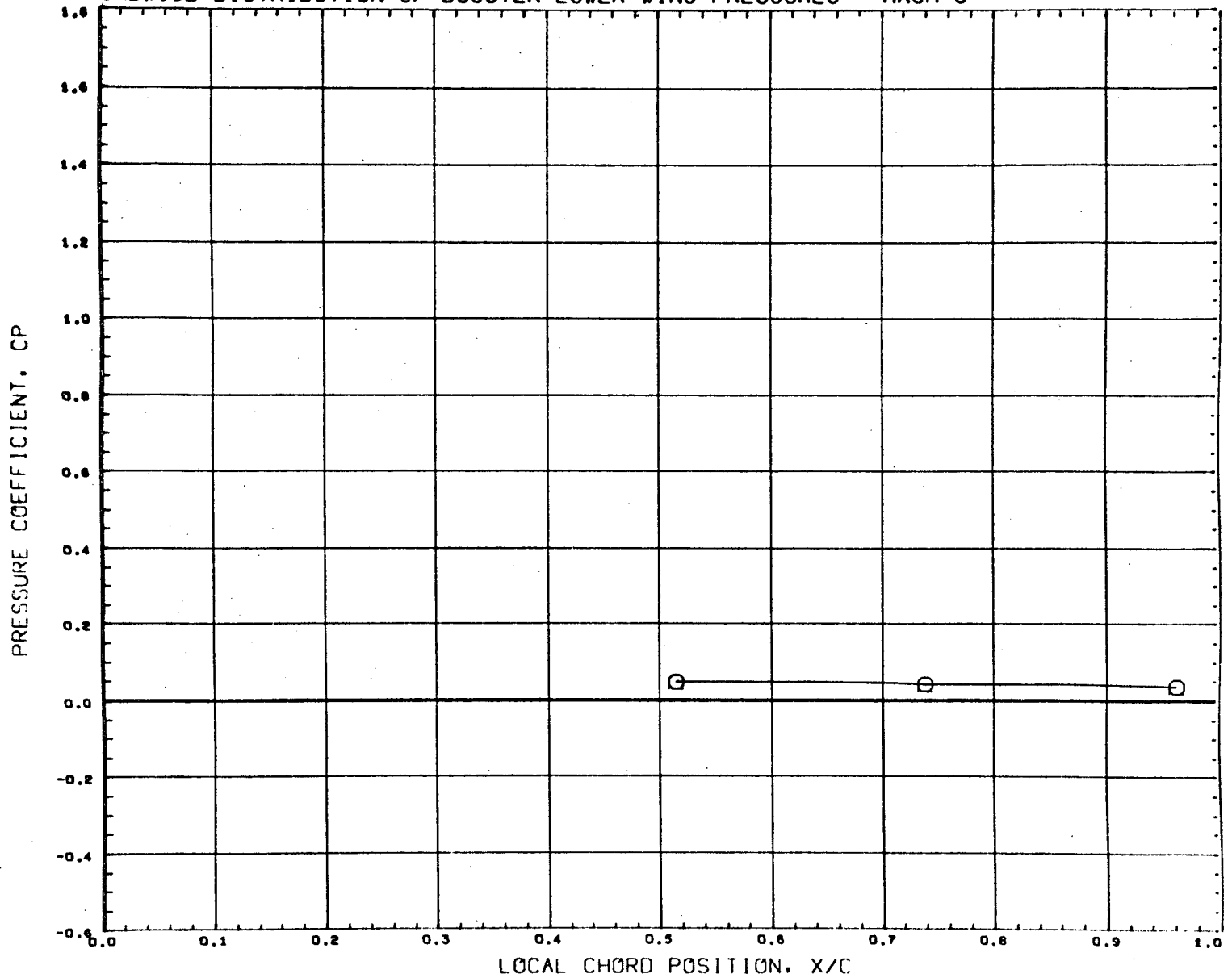
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8572•

PAGE 1286

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

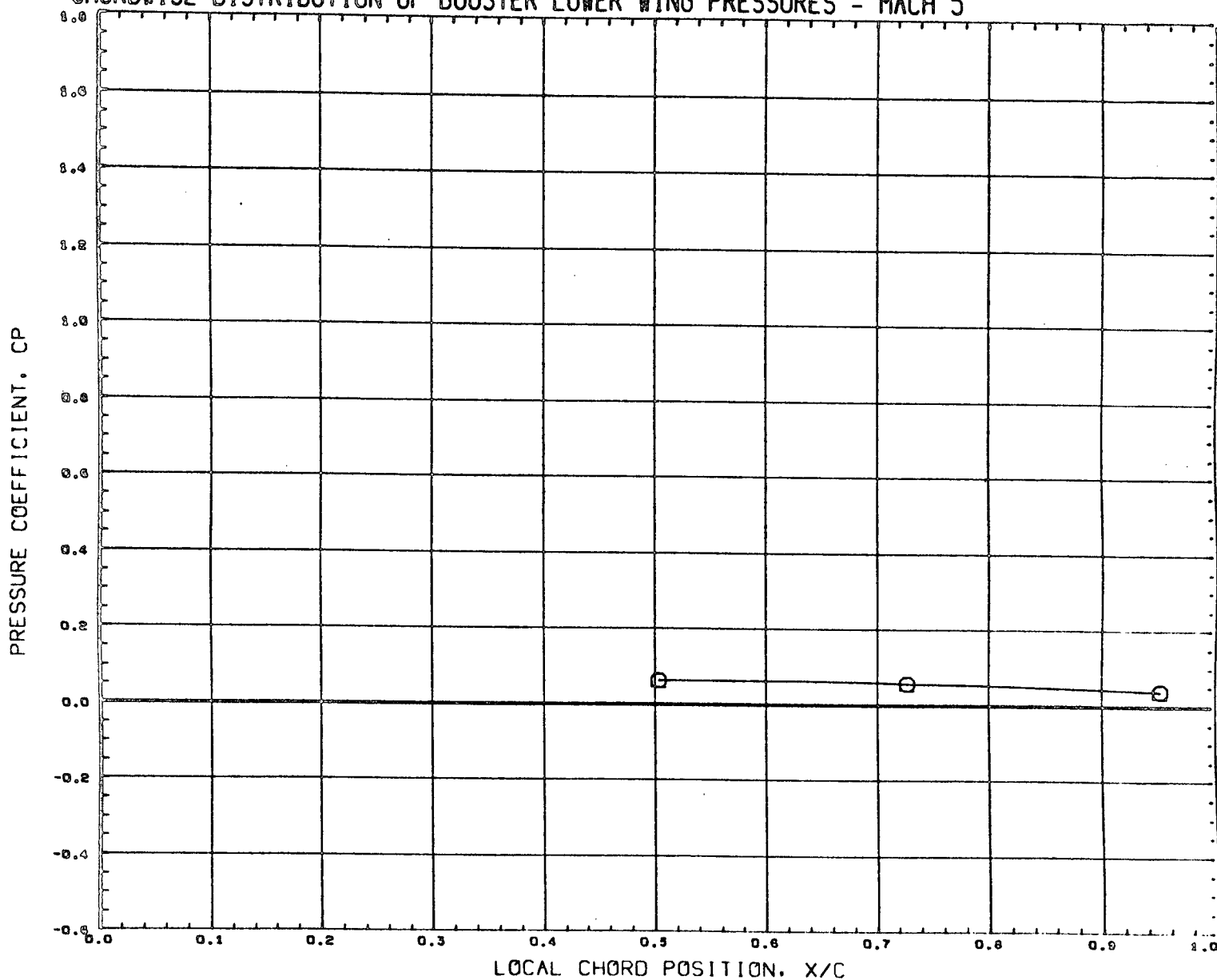
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8572•

PAGE 1287

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 () 0.920 0.339 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.930
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

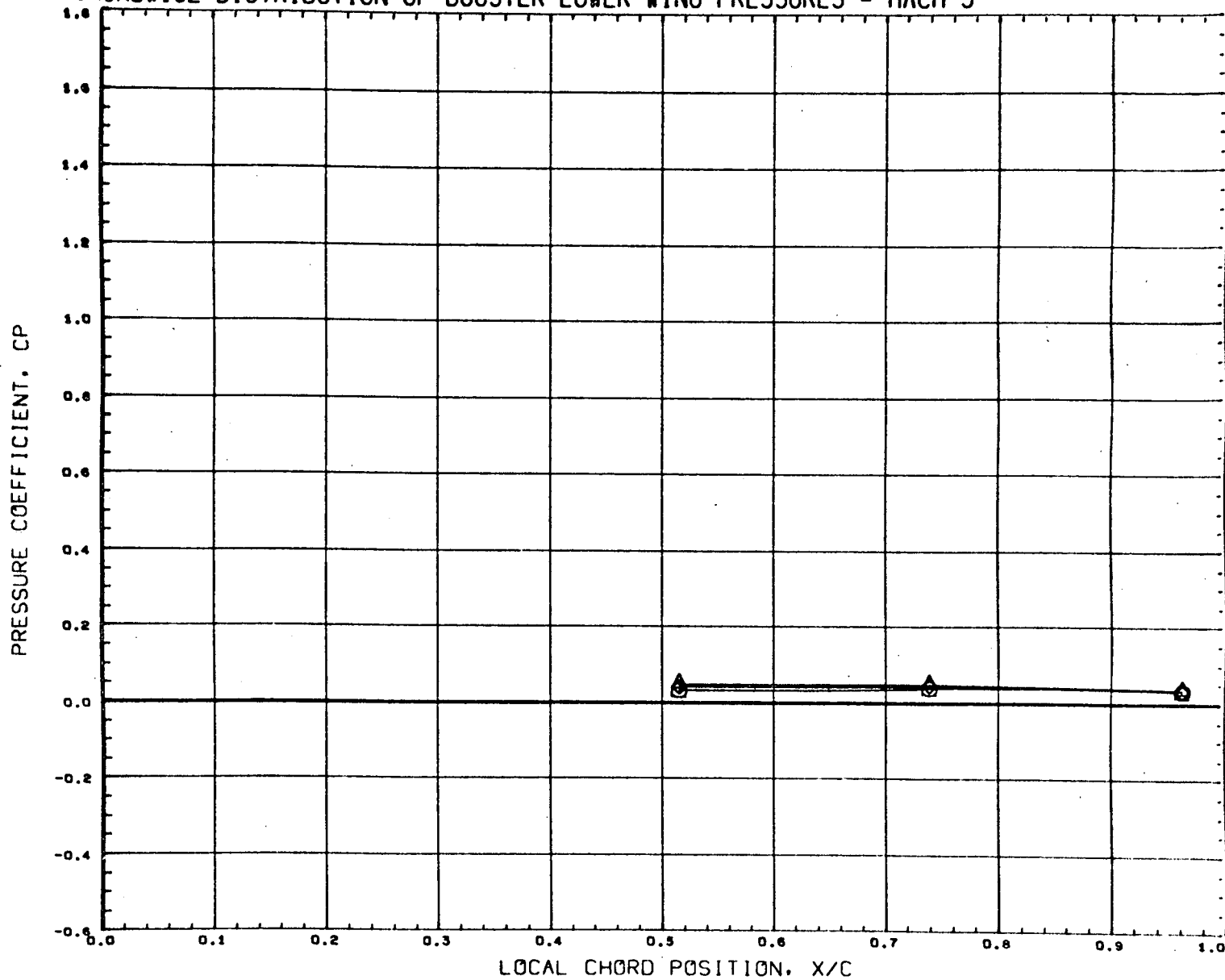
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8572•

PAGE 1288

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA2	0.001
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

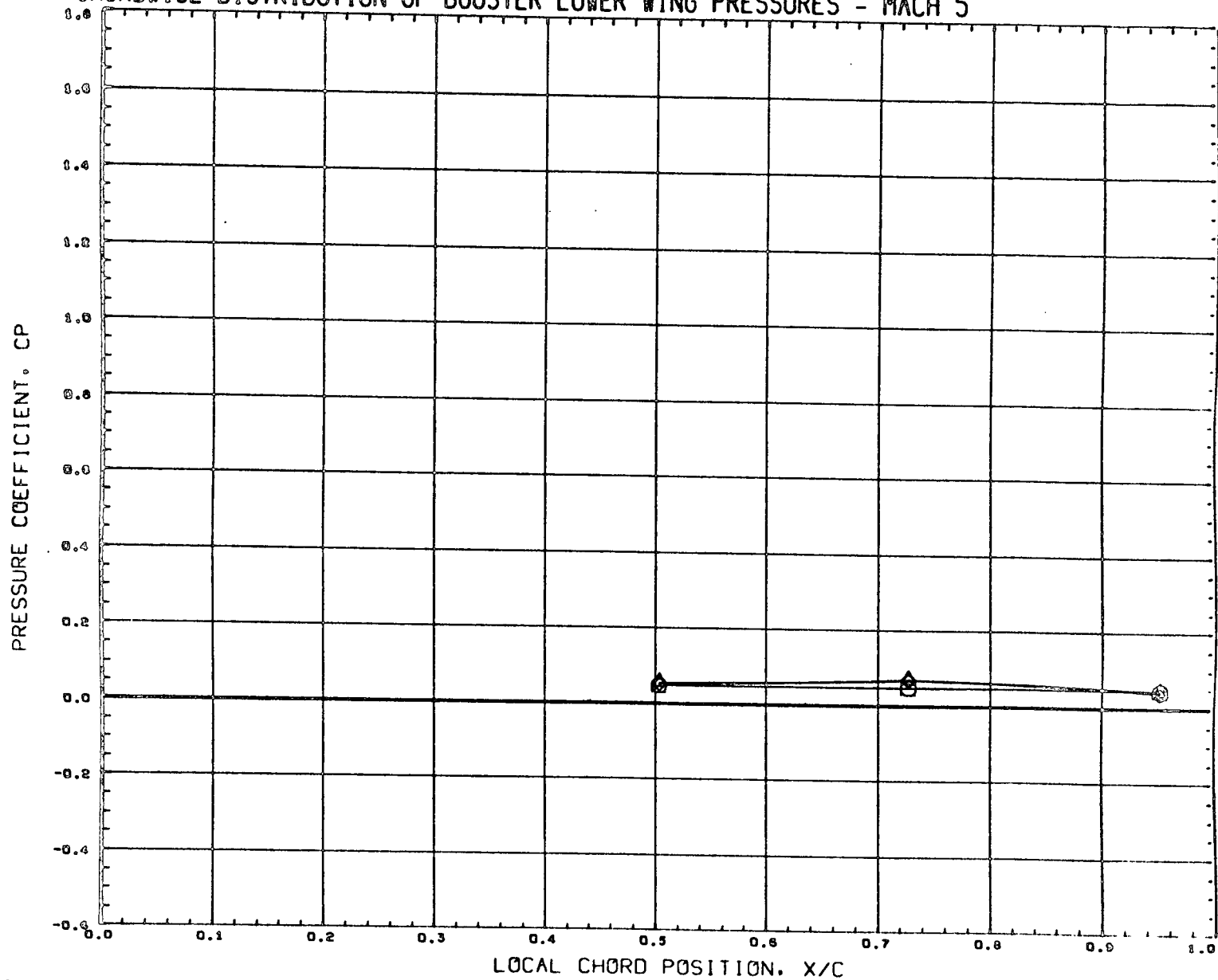
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8573•

PAGE 1289

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

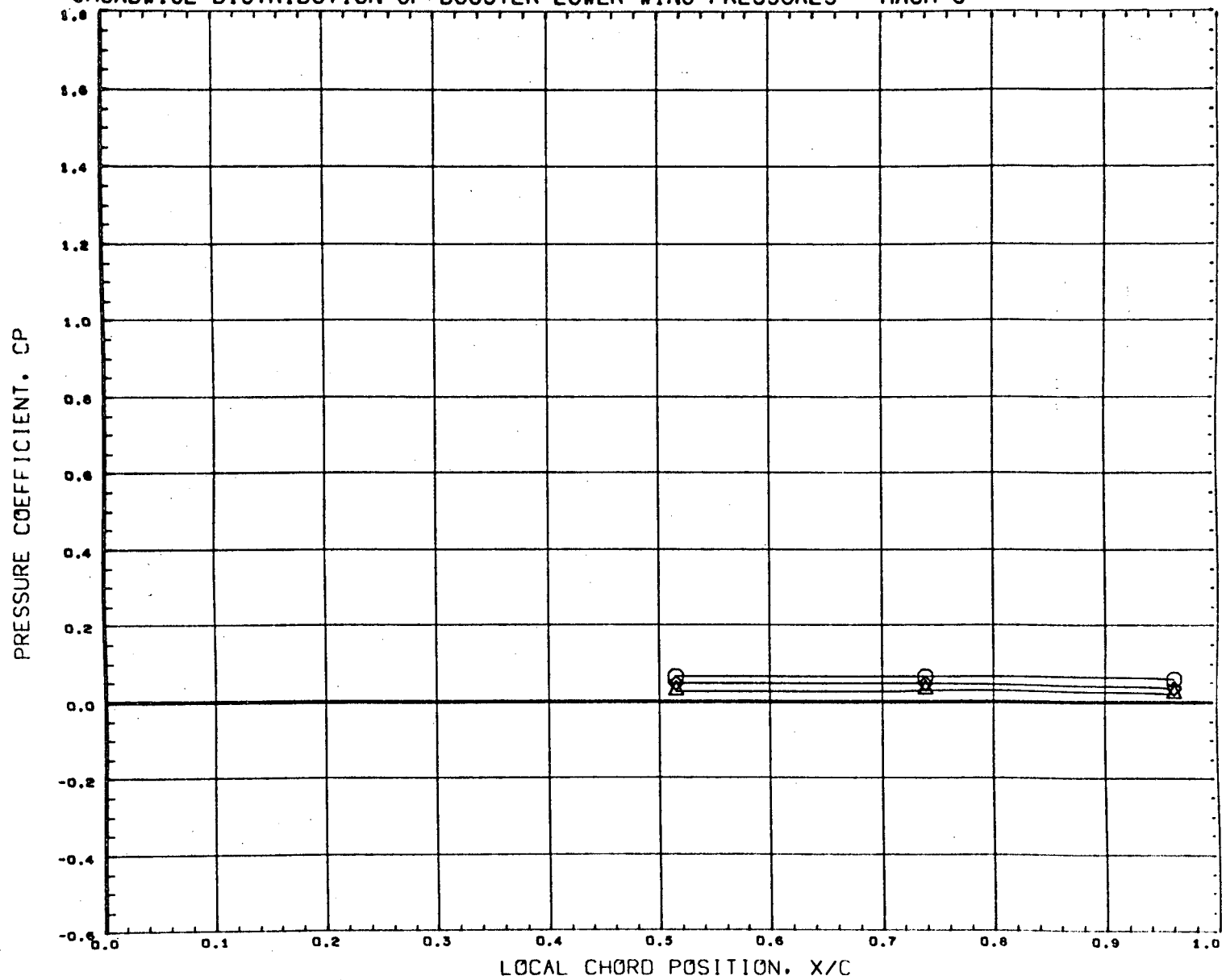
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8573•

PAGE 1290

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA0	0.001
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

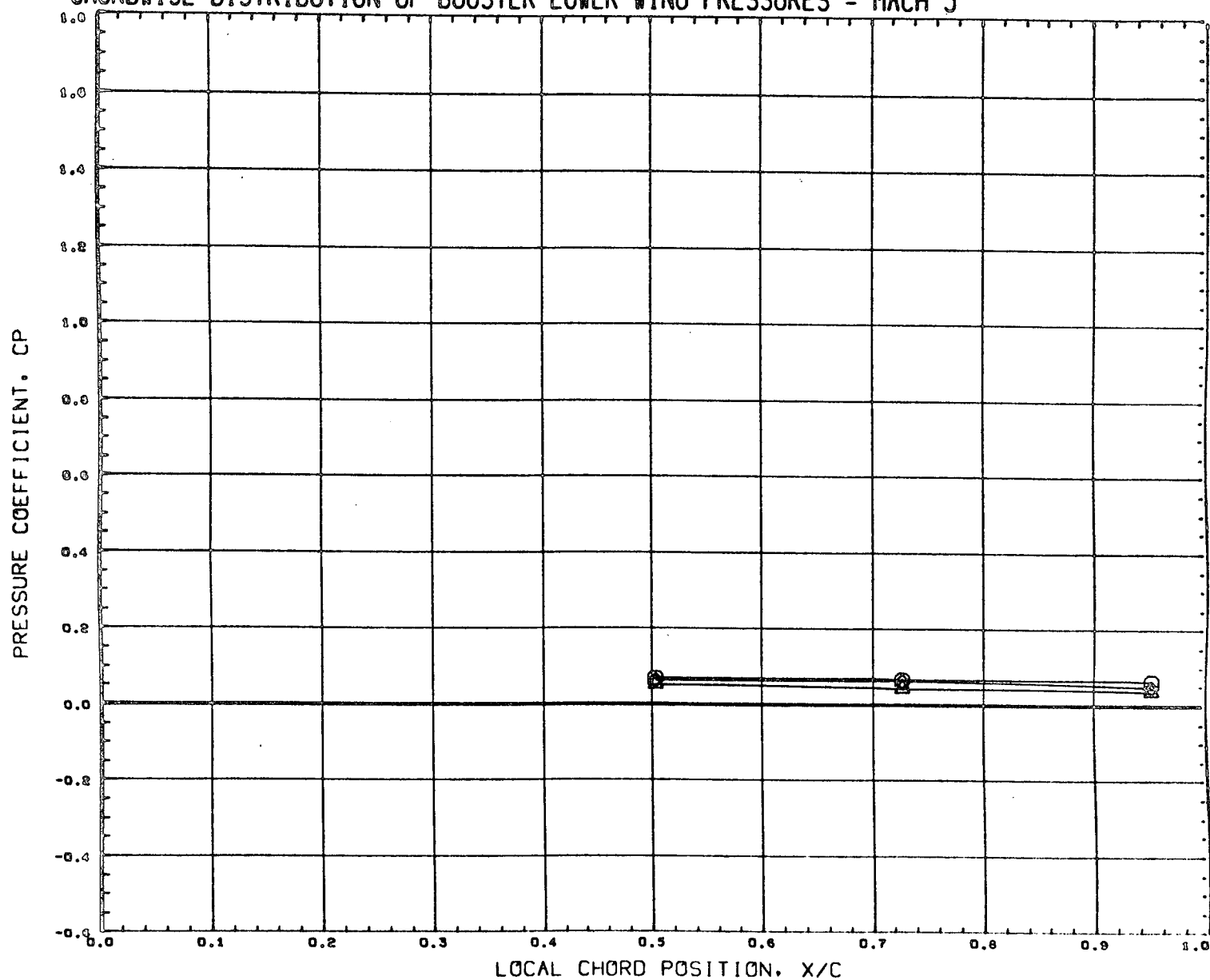
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8573•

PAGE 1291

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.144	0.359	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

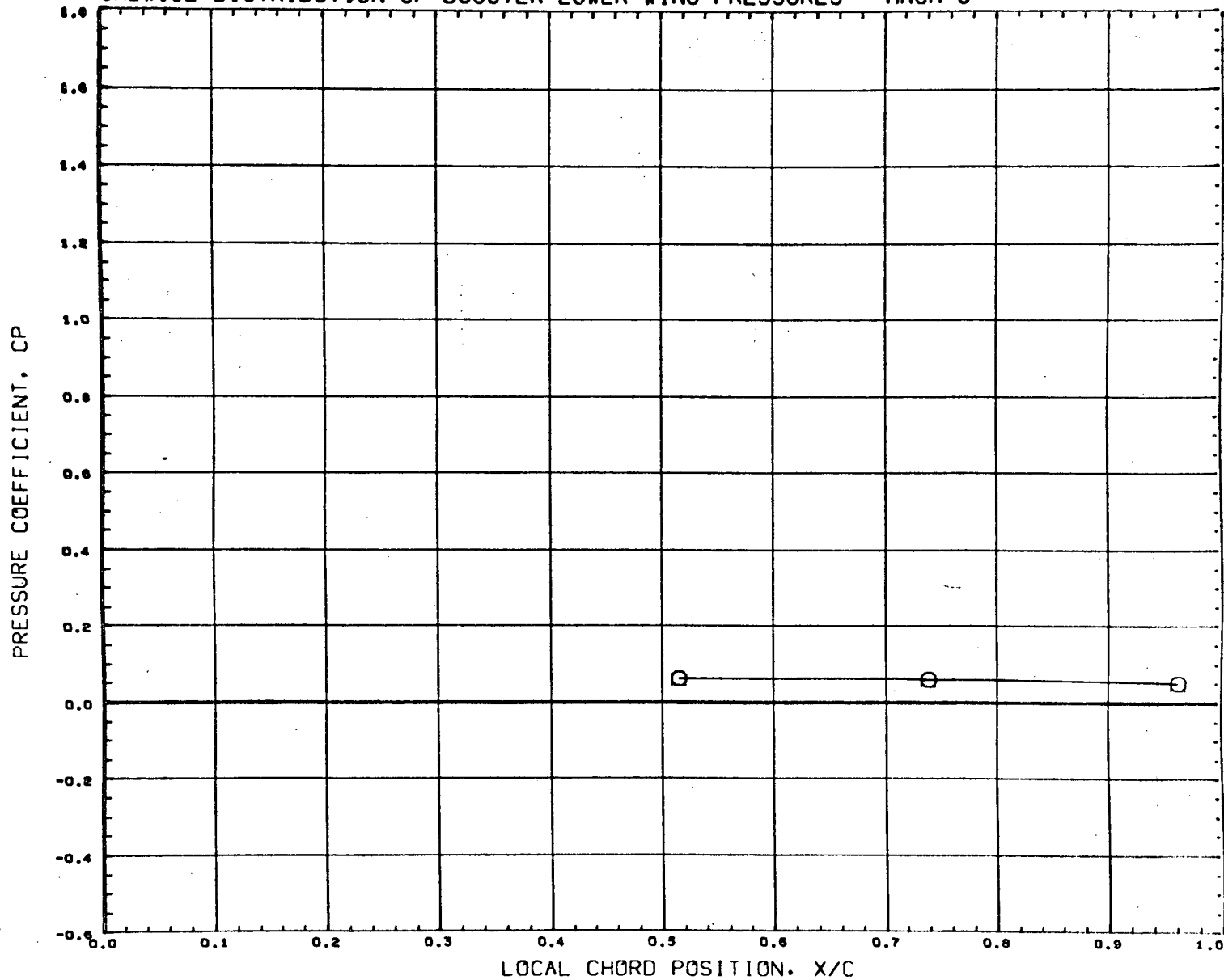
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8573•

PAGE 1292

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

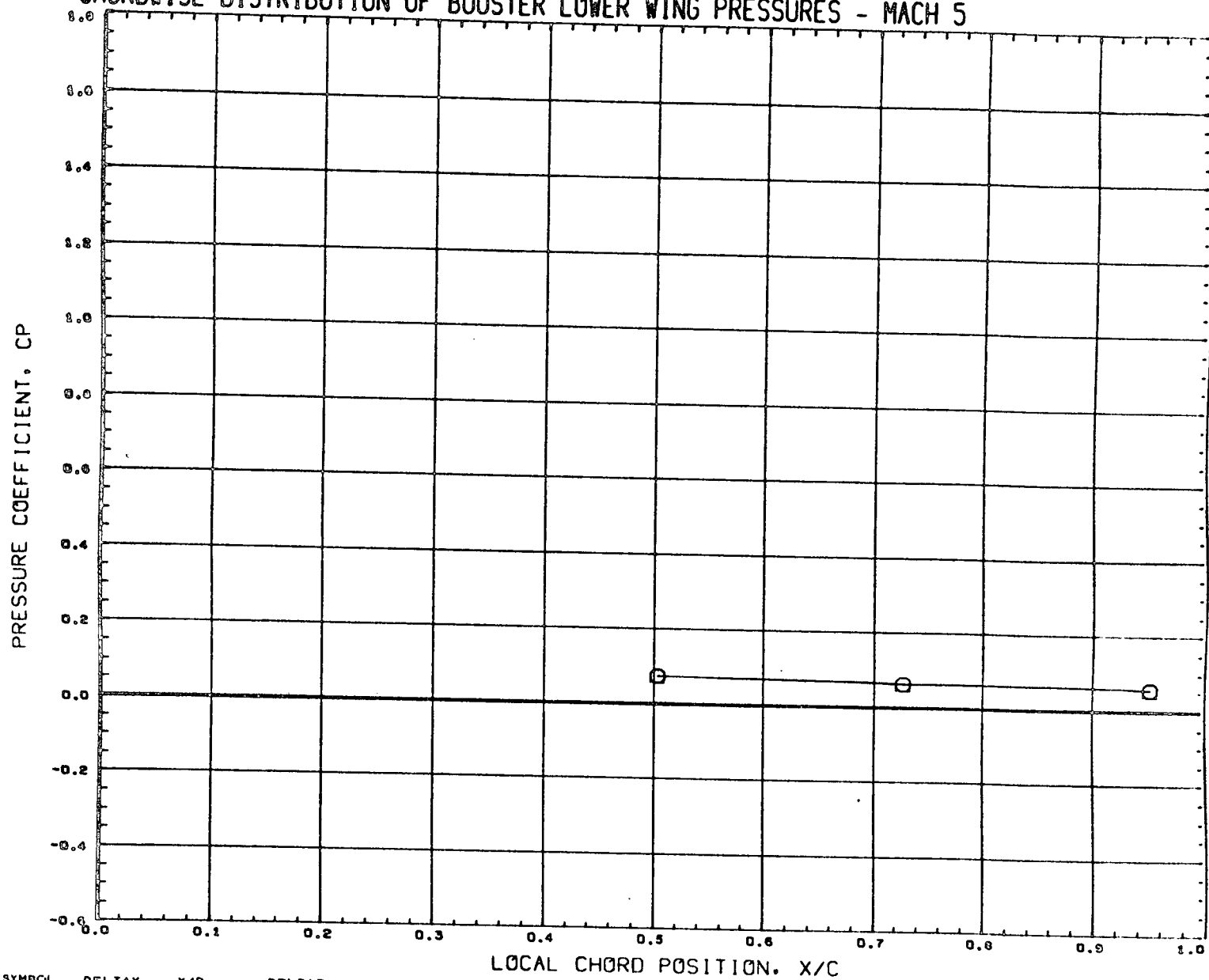
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8573•

PAGE 1293

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.320 Y/B 0.359 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.001
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

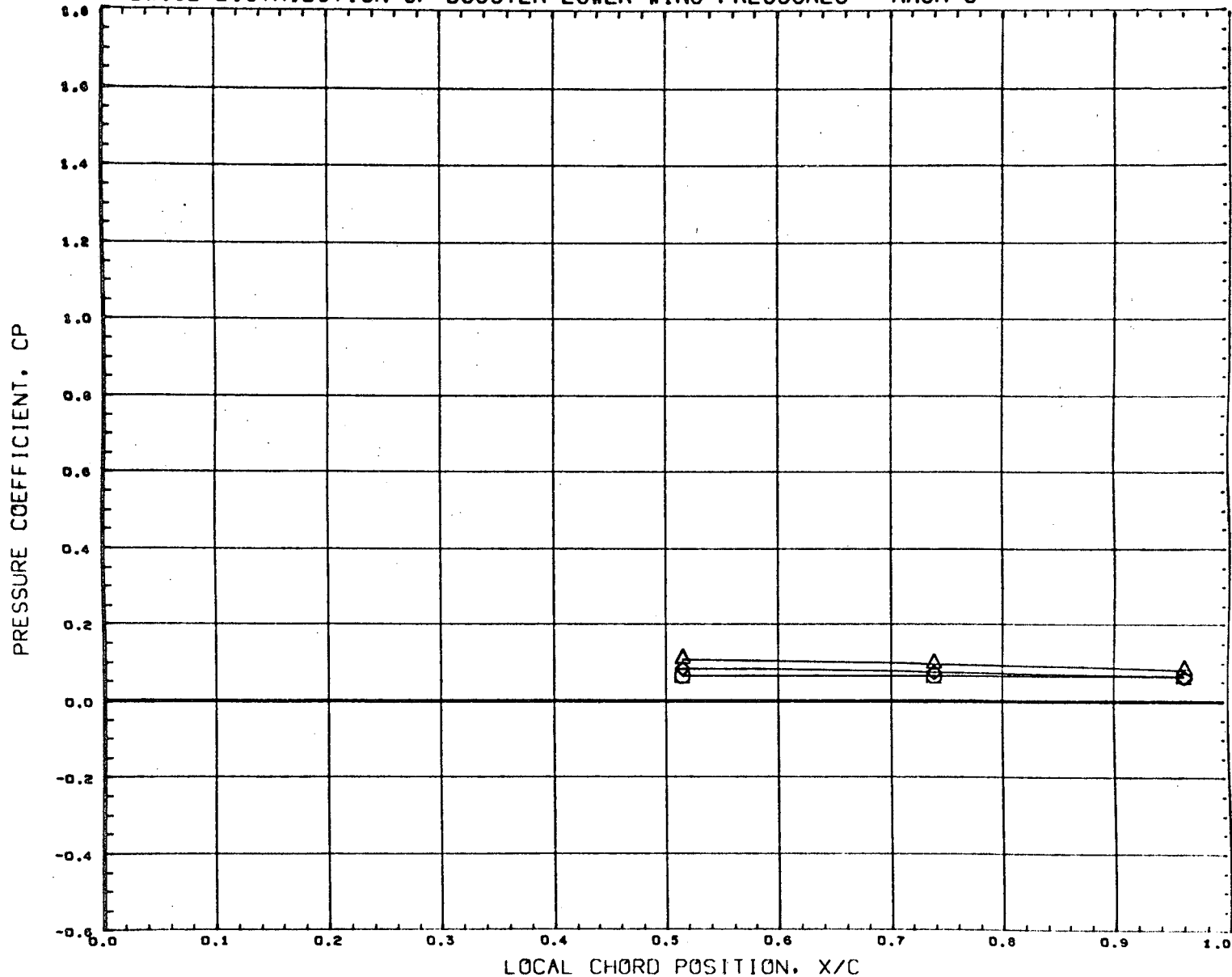
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8573•

PAGE 1294

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

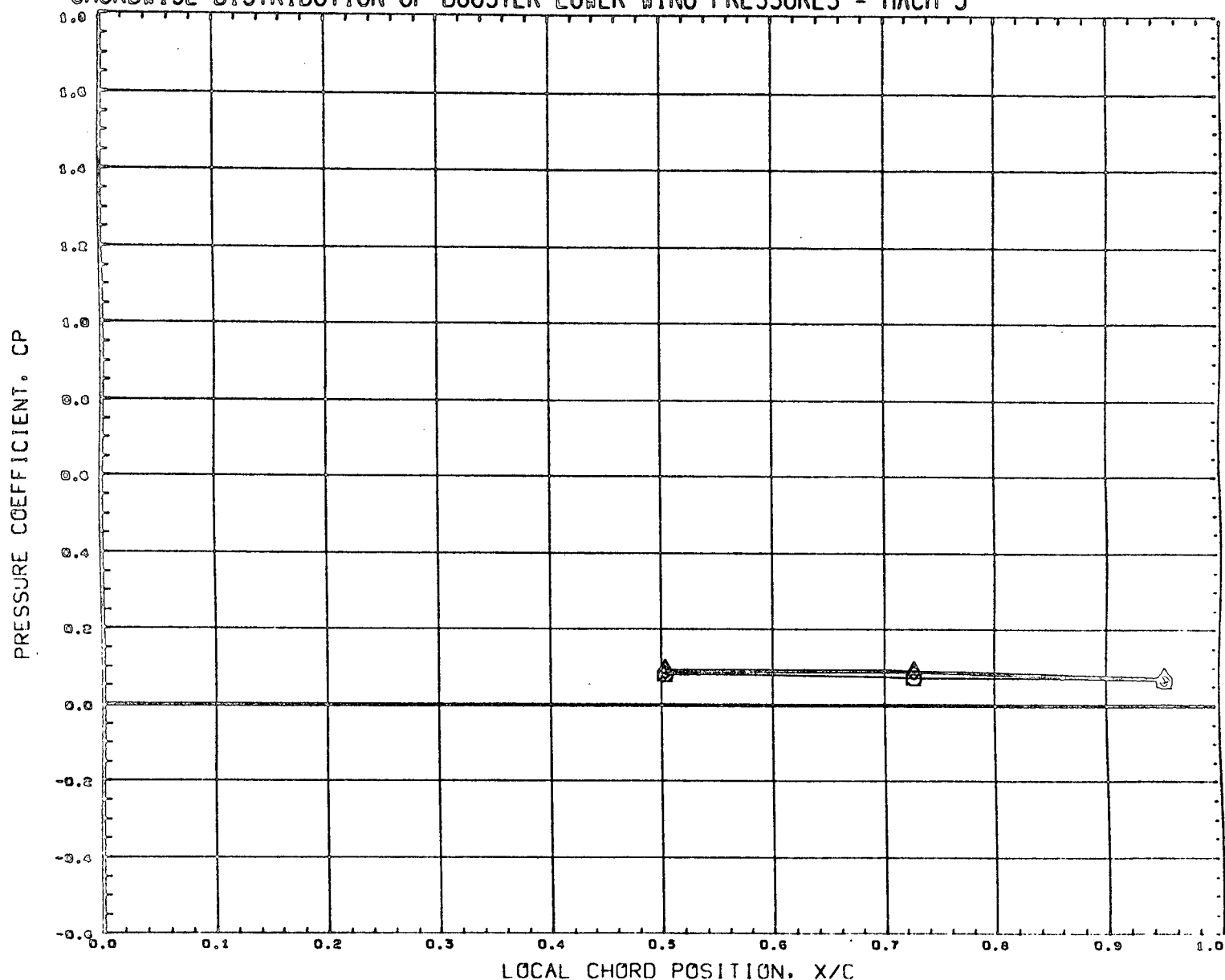
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8574•

PAGE 1295

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.339	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

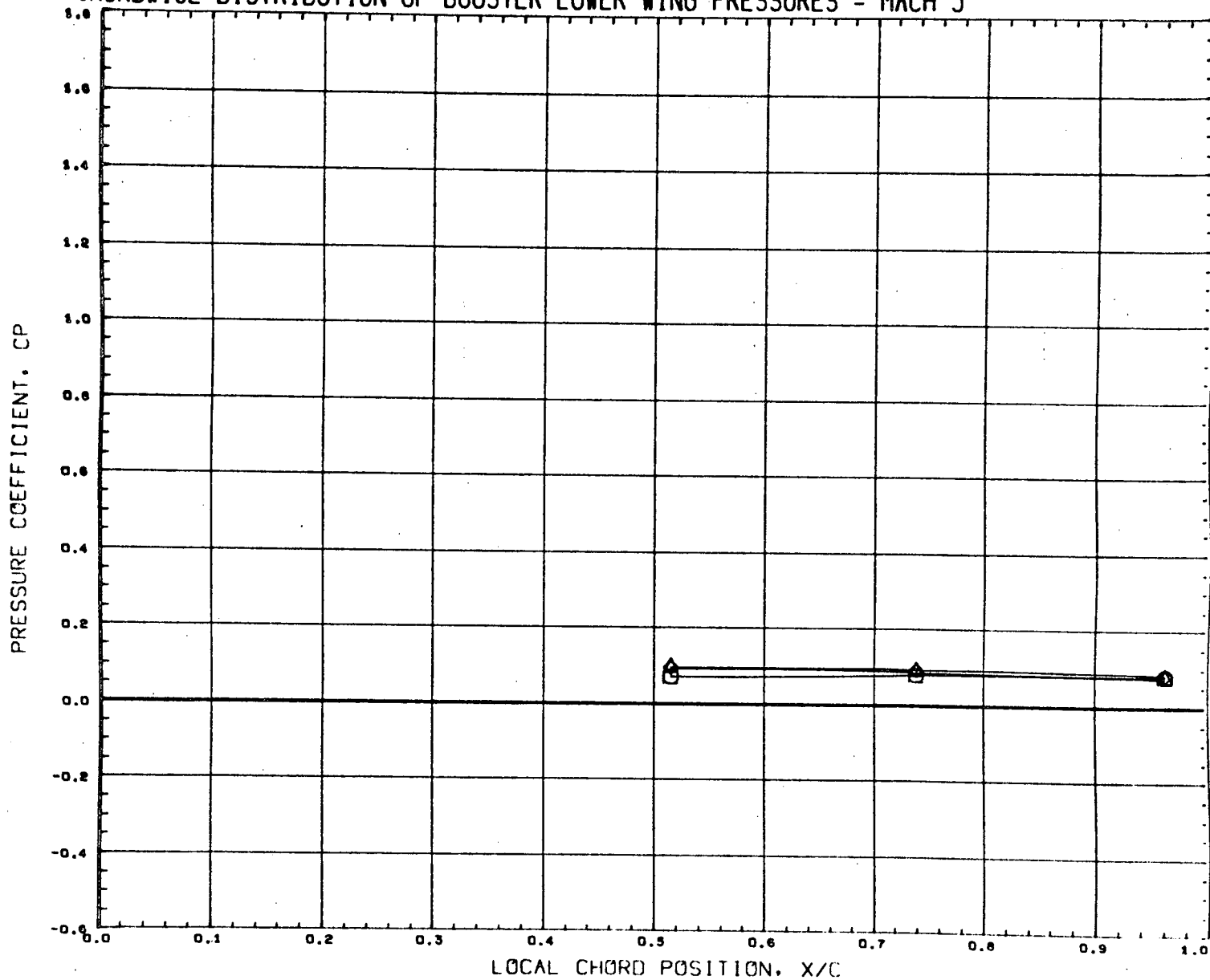
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8574•

PAGE 1296

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.131
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

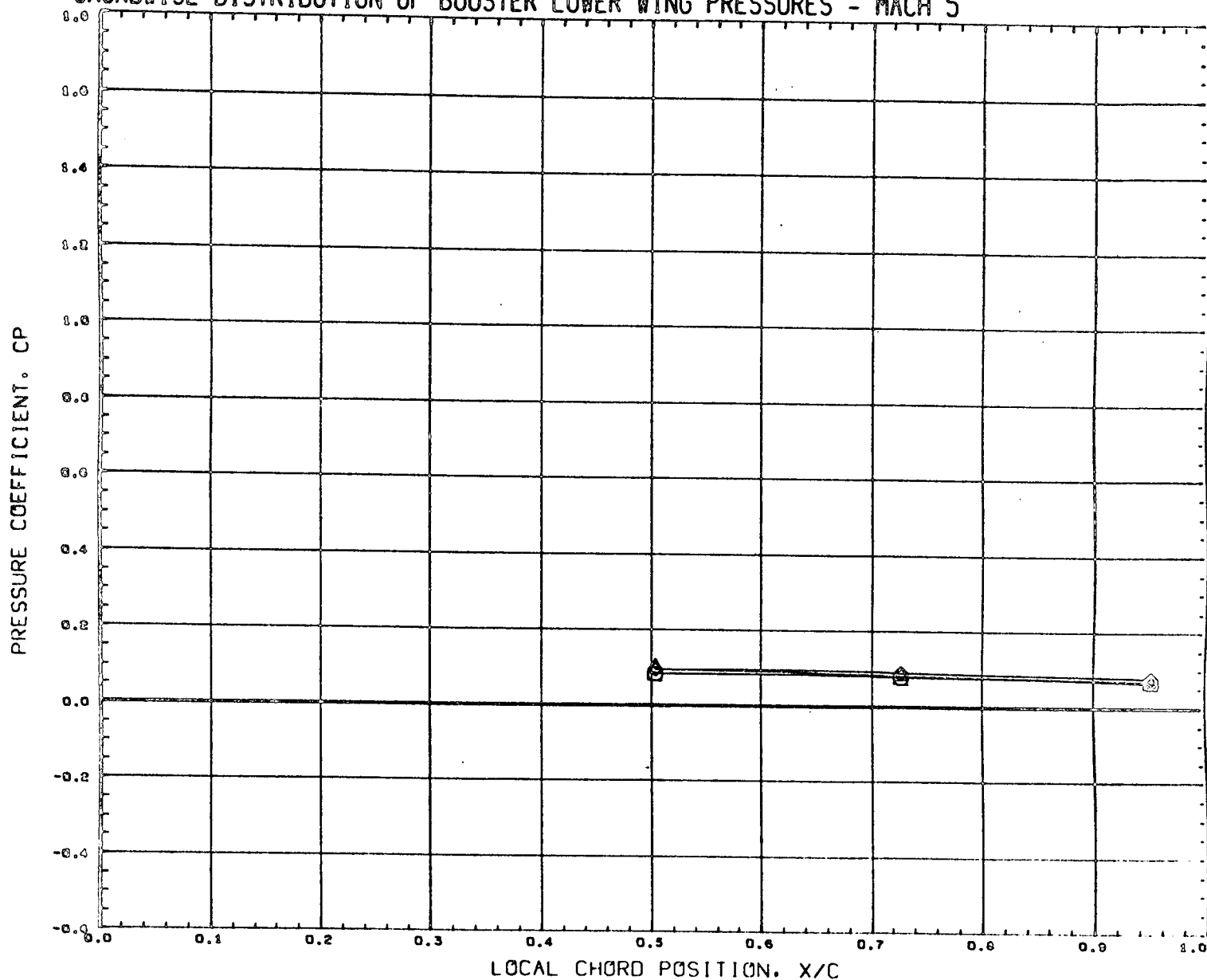
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8574•

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CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

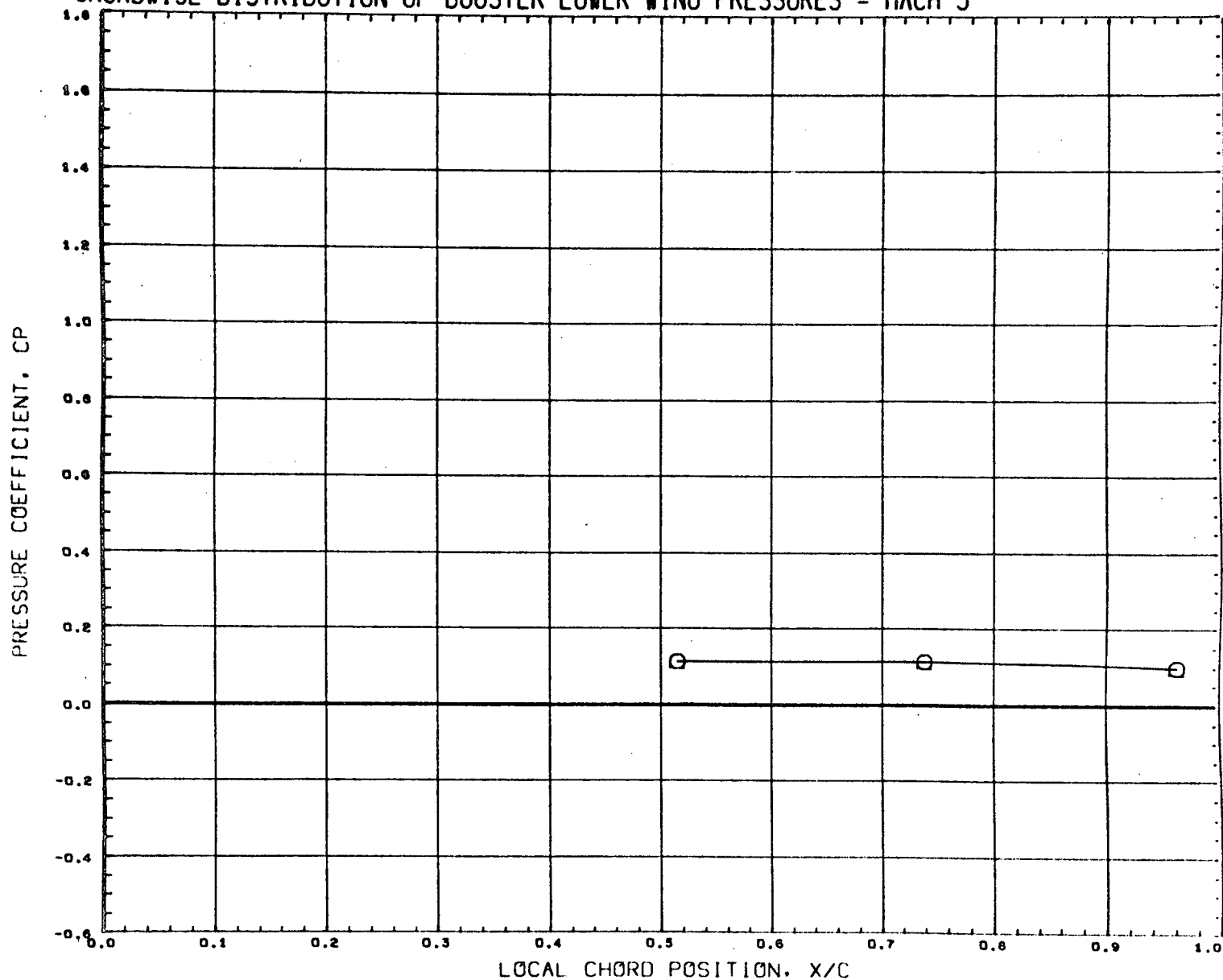
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8574•

PAGE 1298

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

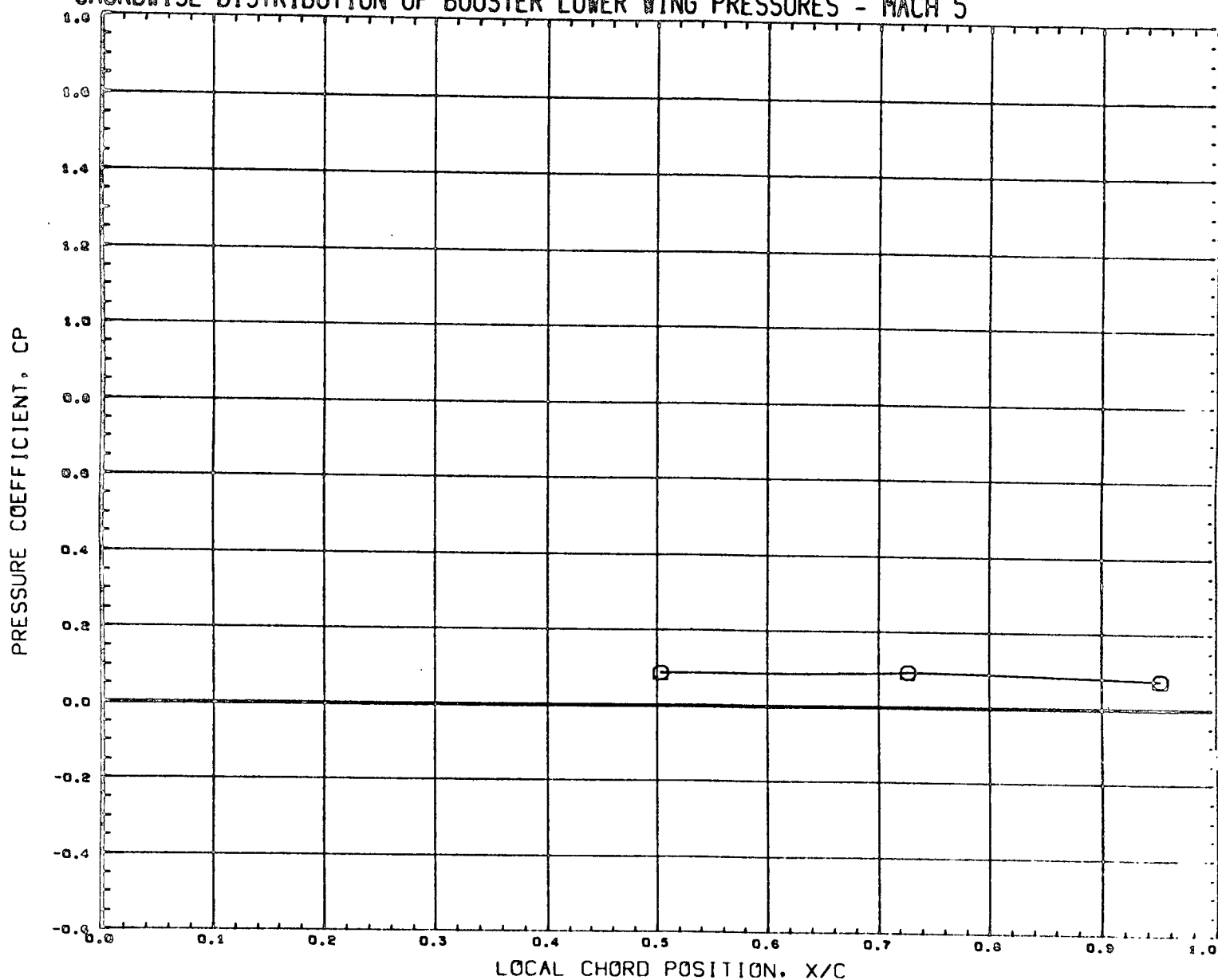
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8574•

PAGE 1299

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.320 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 4.994
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

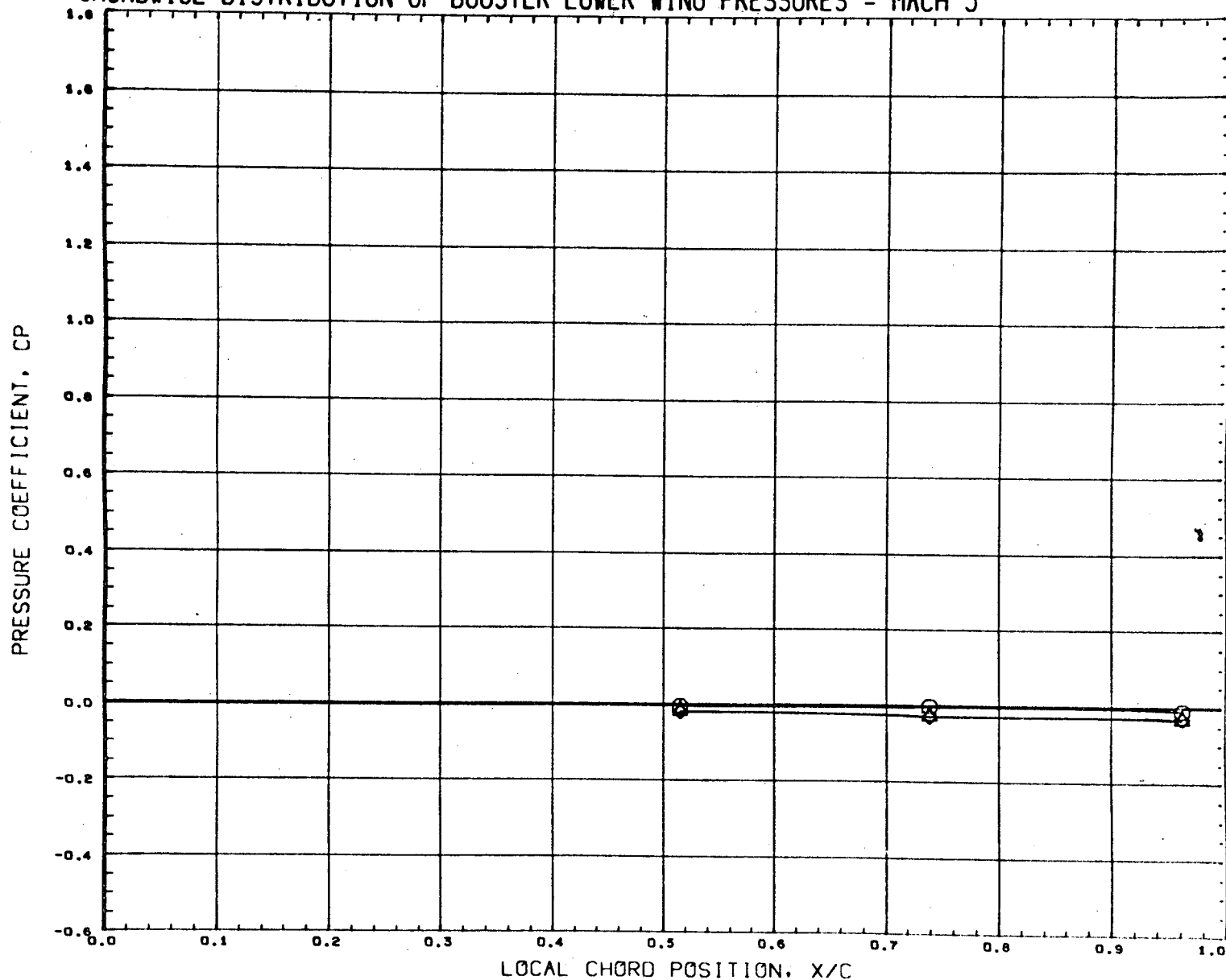
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8574•

PAGE 1300

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

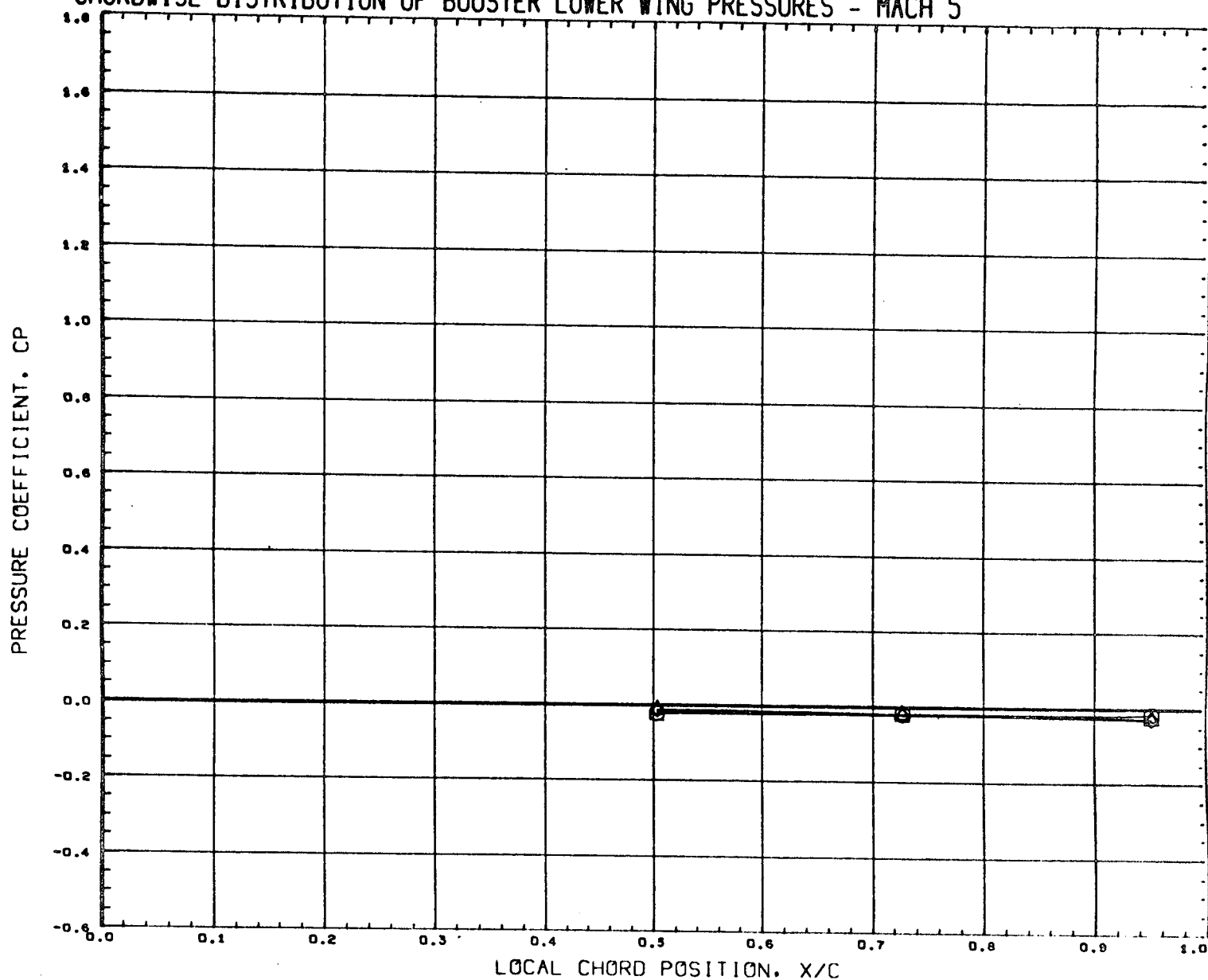
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1301

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

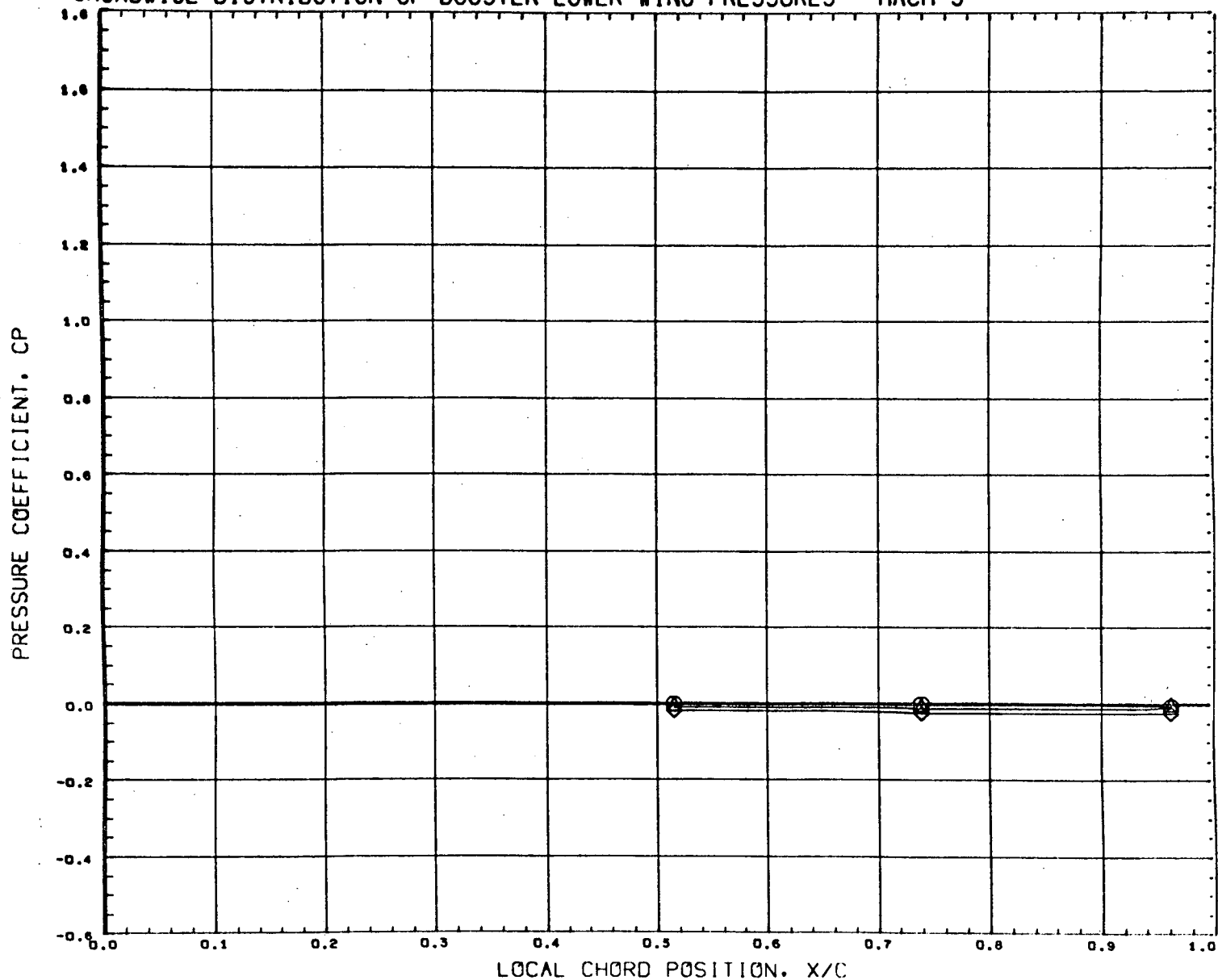
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1302

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

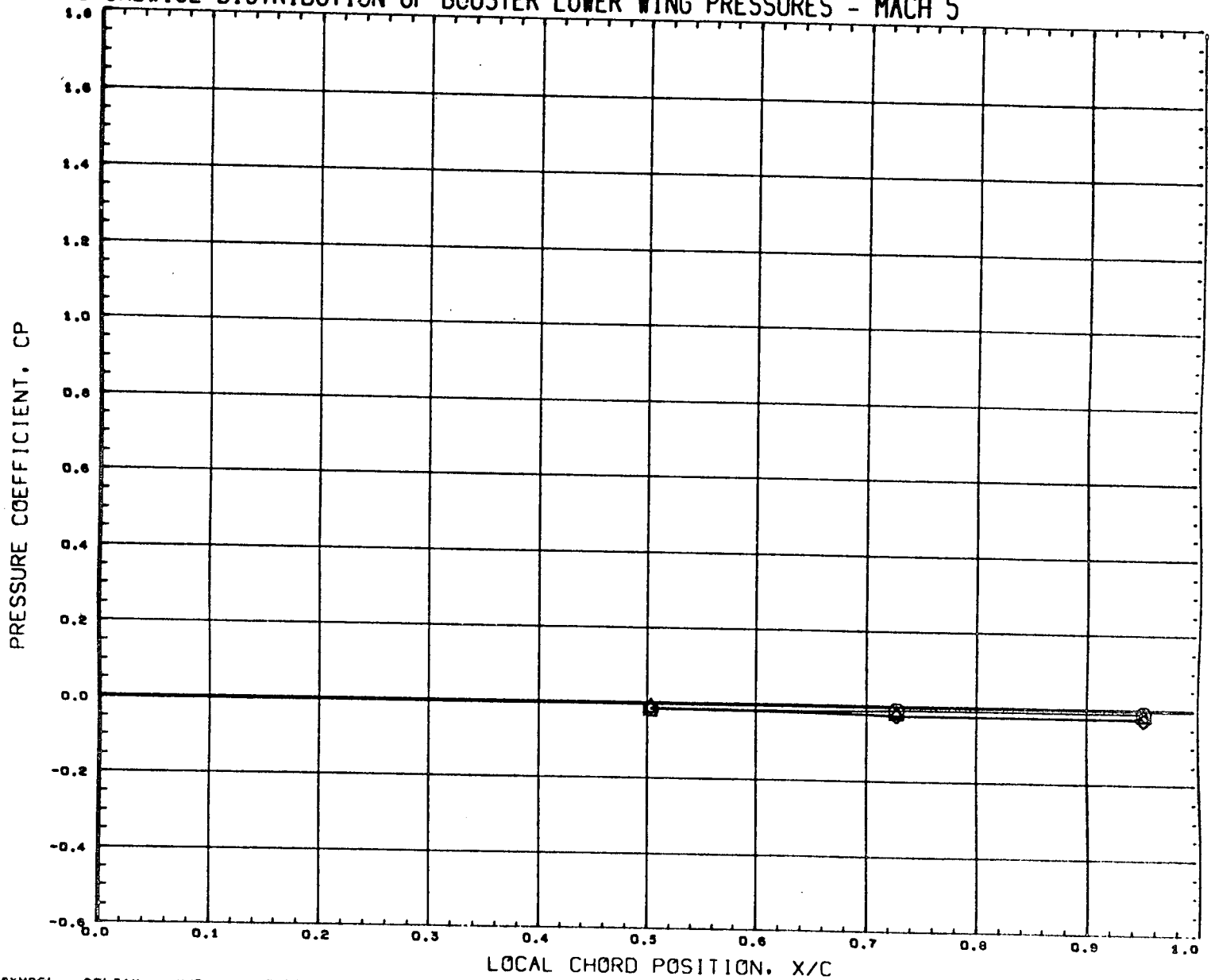
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1303

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

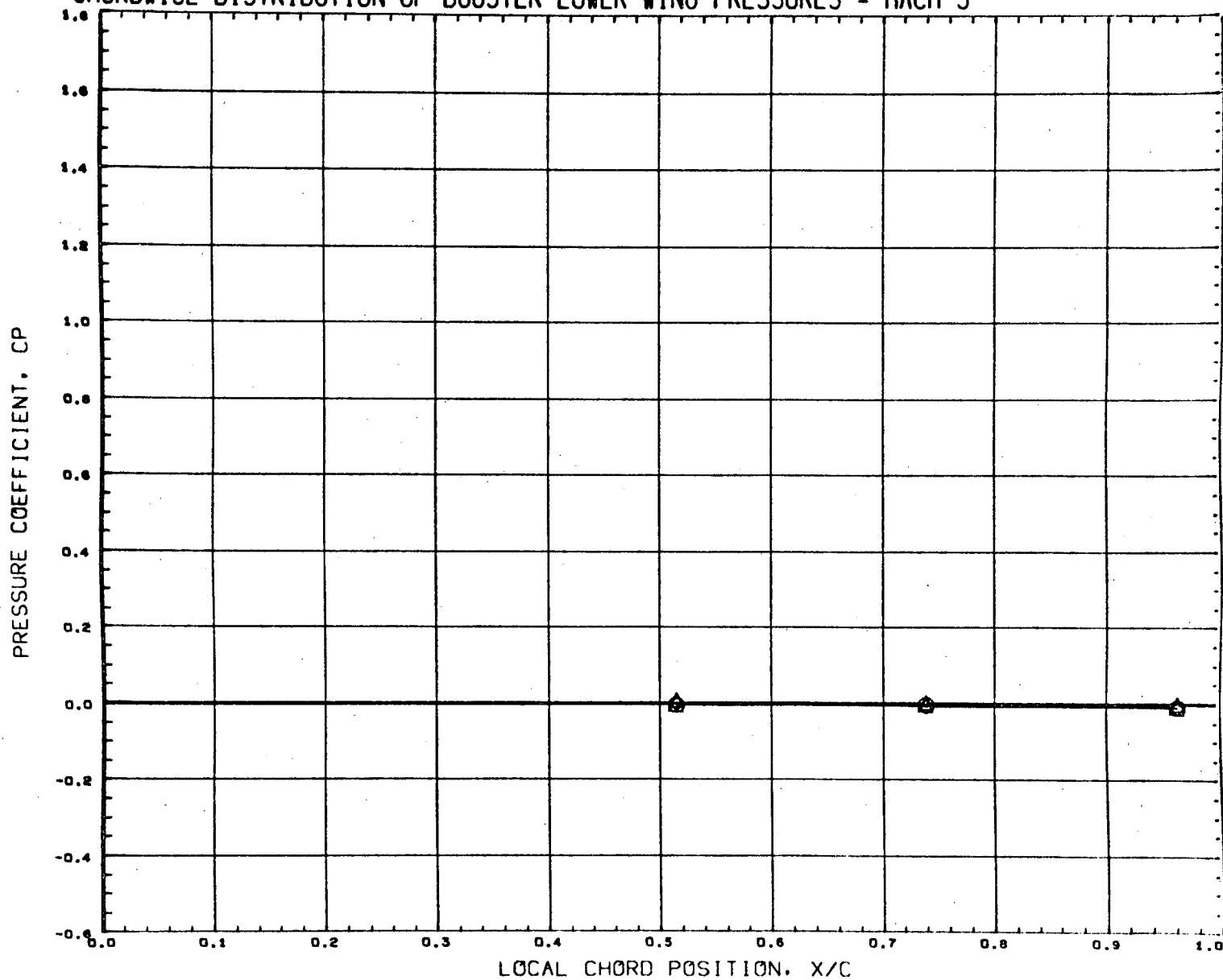
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1304

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.221	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

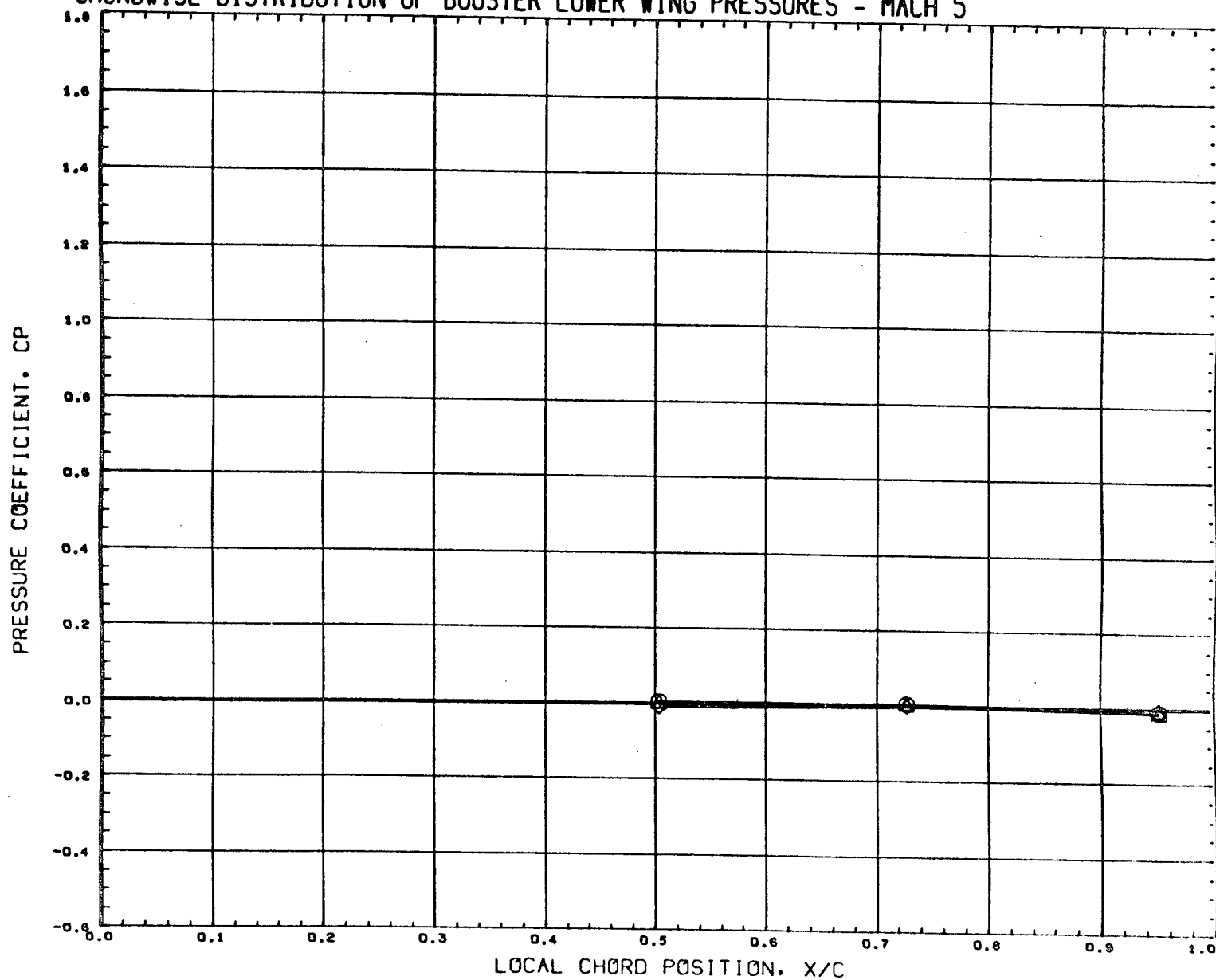
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1305

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.359	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

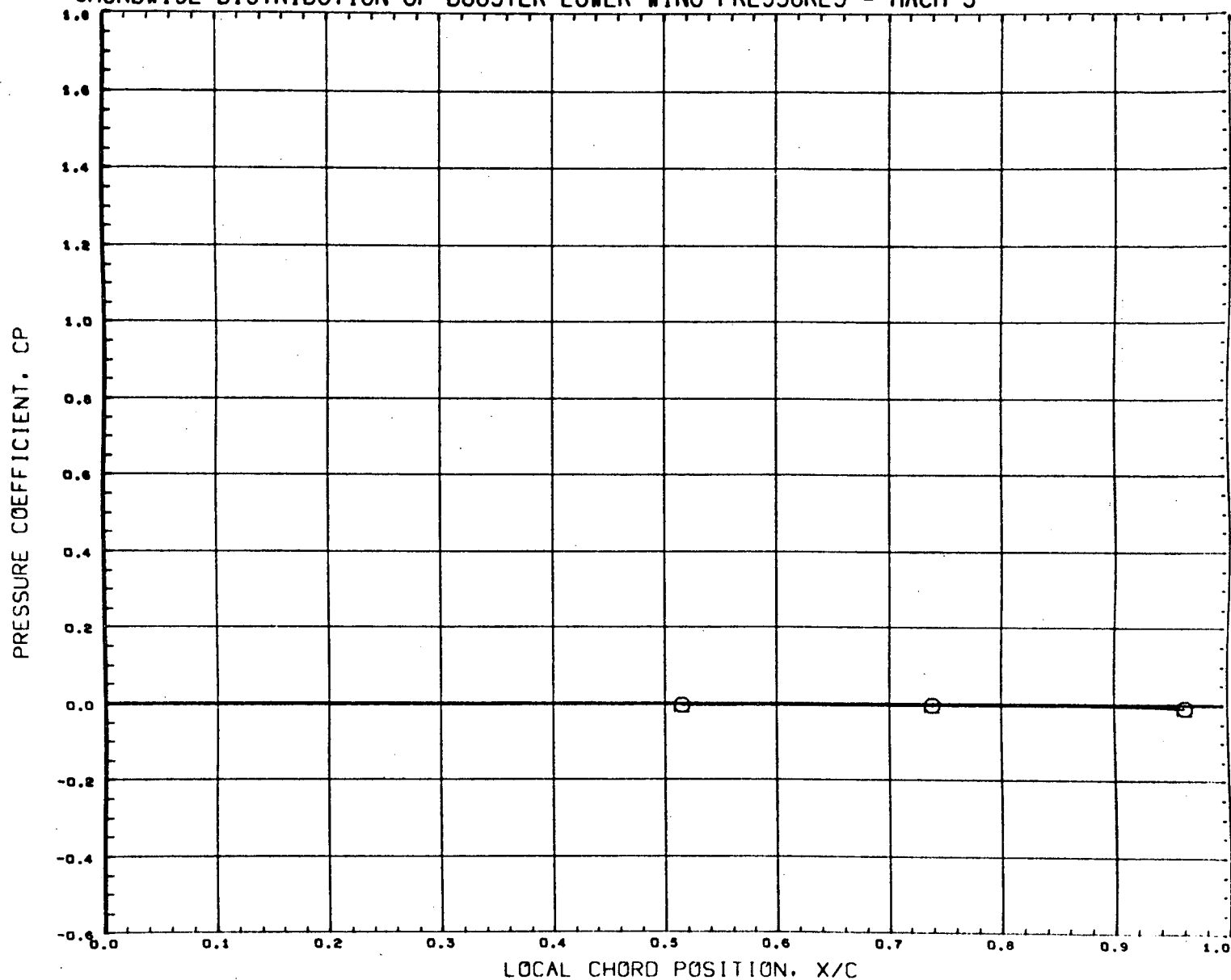
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1306

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.221 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.000
 MACH 5.040 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

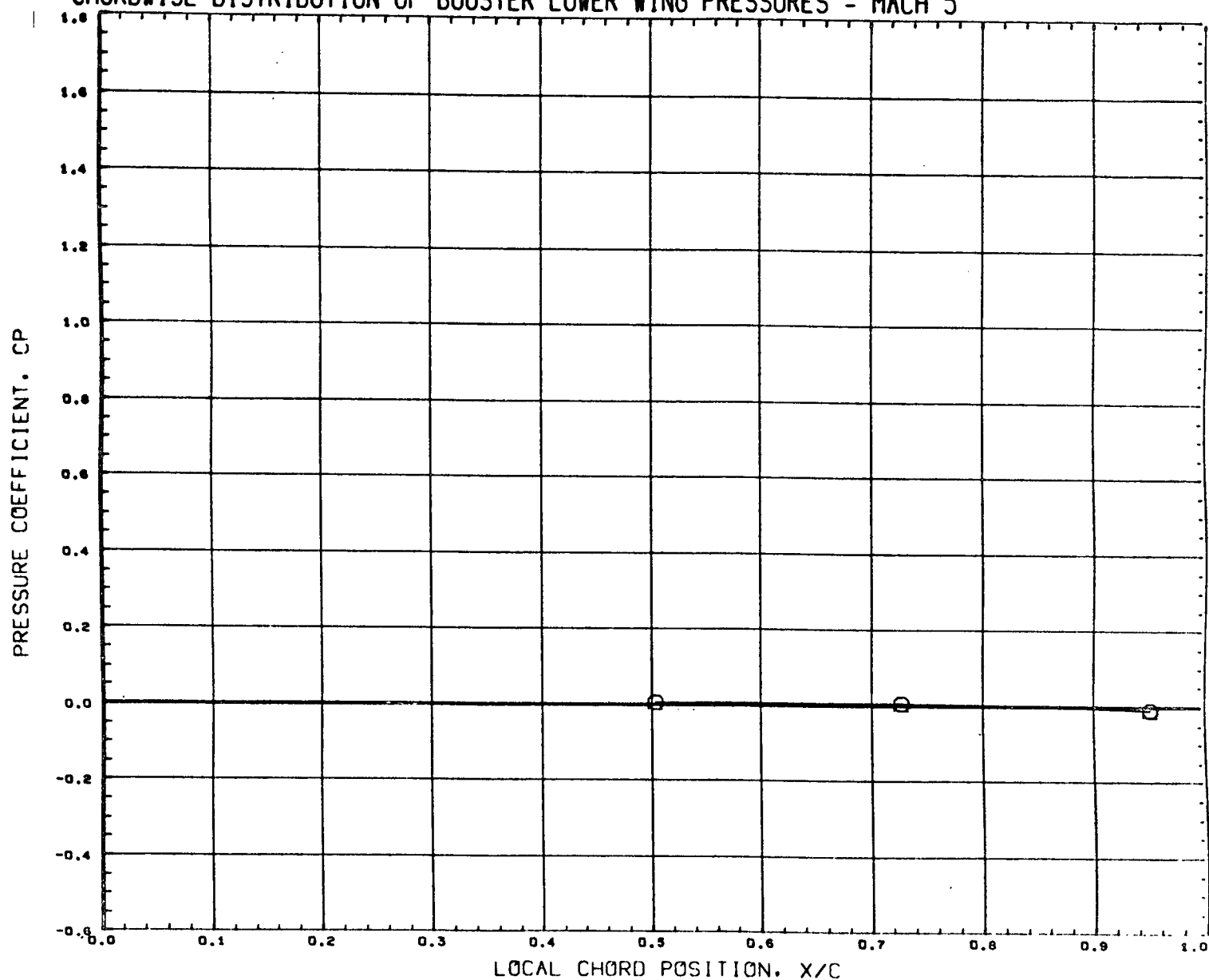
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1307

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.000
 MACH 5.040 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

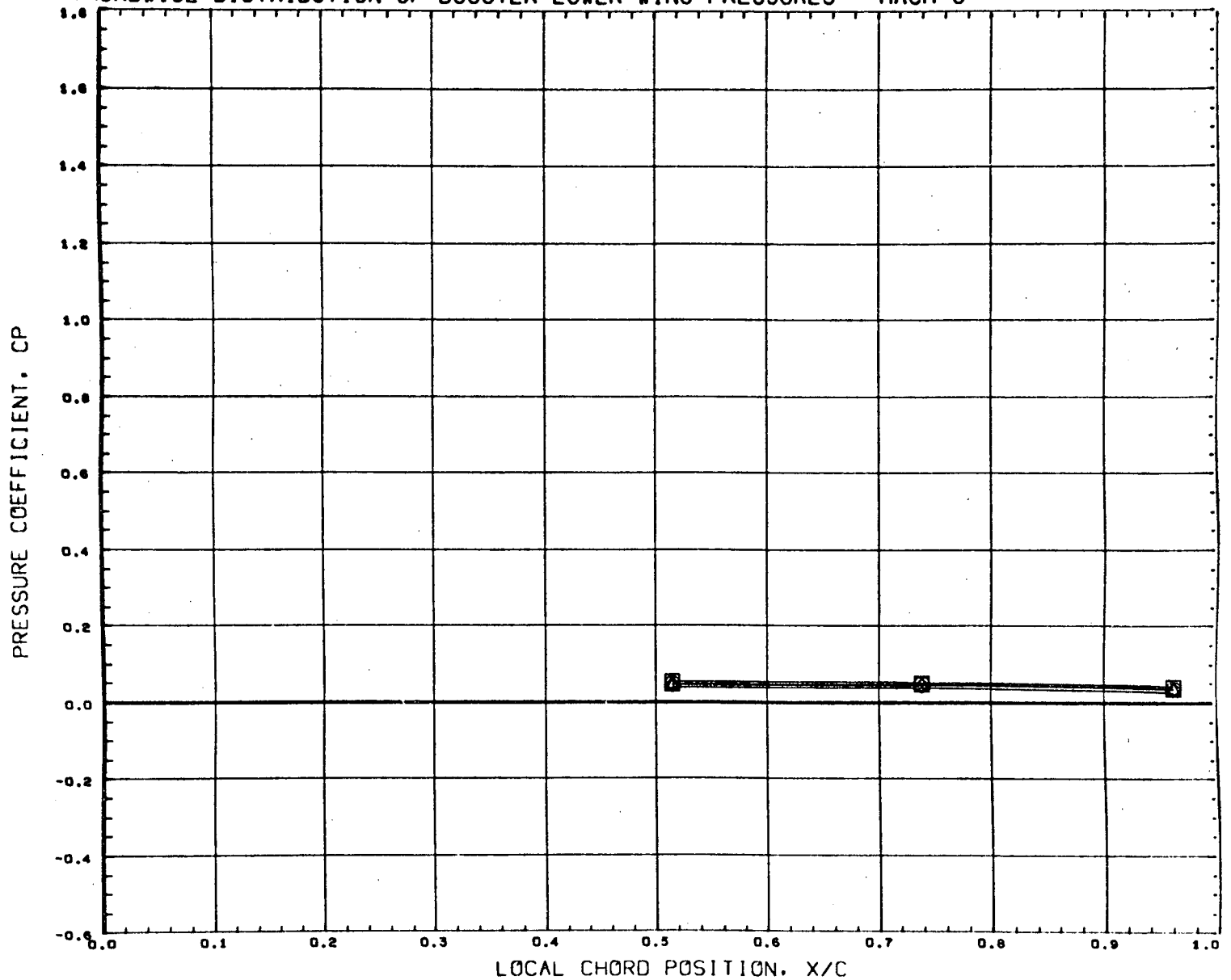
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8583•

PAGE 1308

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.982
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

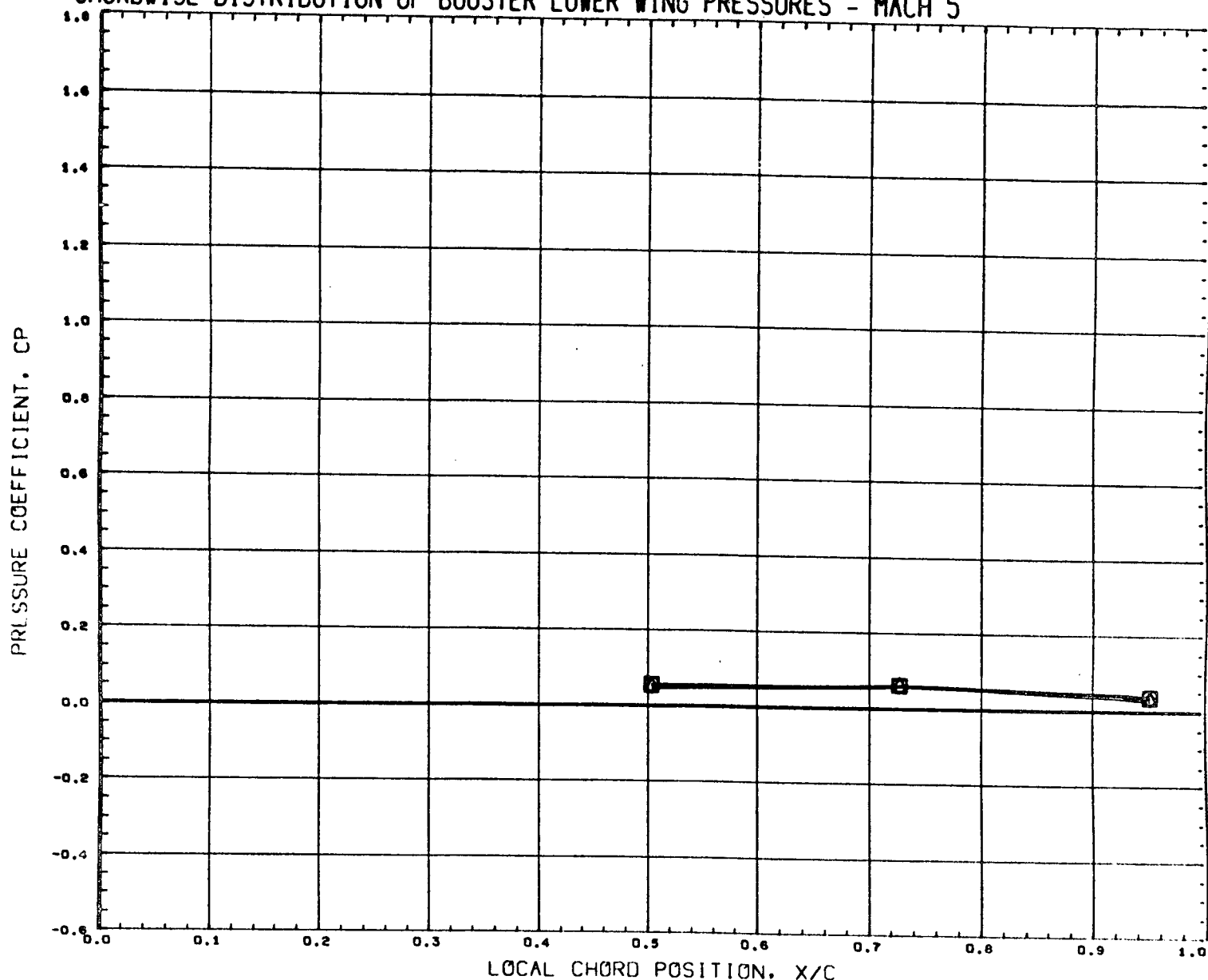
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8591•

PAGE 1309

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.982
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

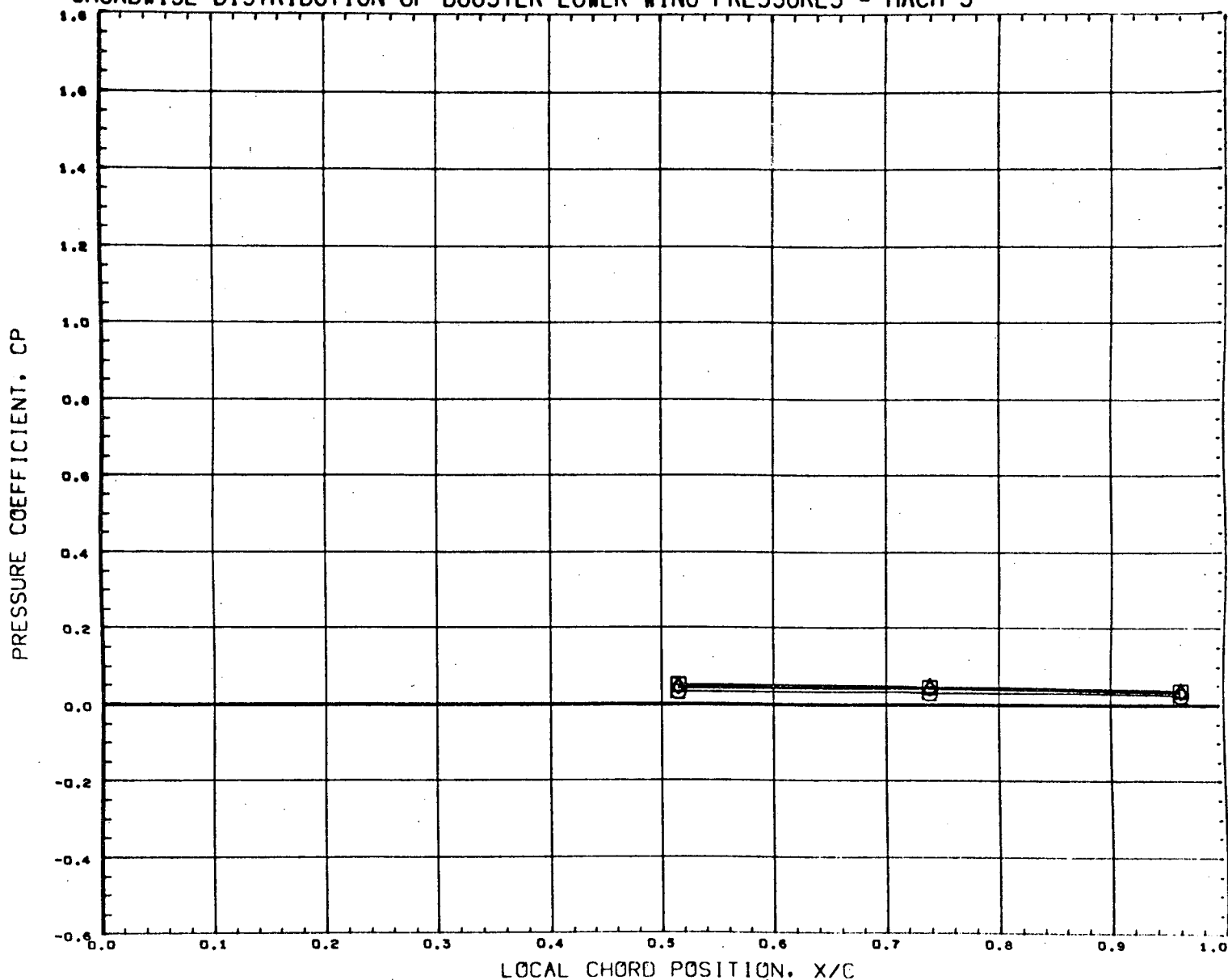
AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8591•

PAGE 1310

C.5.

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA ₀	- 4.957
MACH	4.970	ALPHA ₁	0.000
ORBPOW	0.000	BSTPOW	0.000

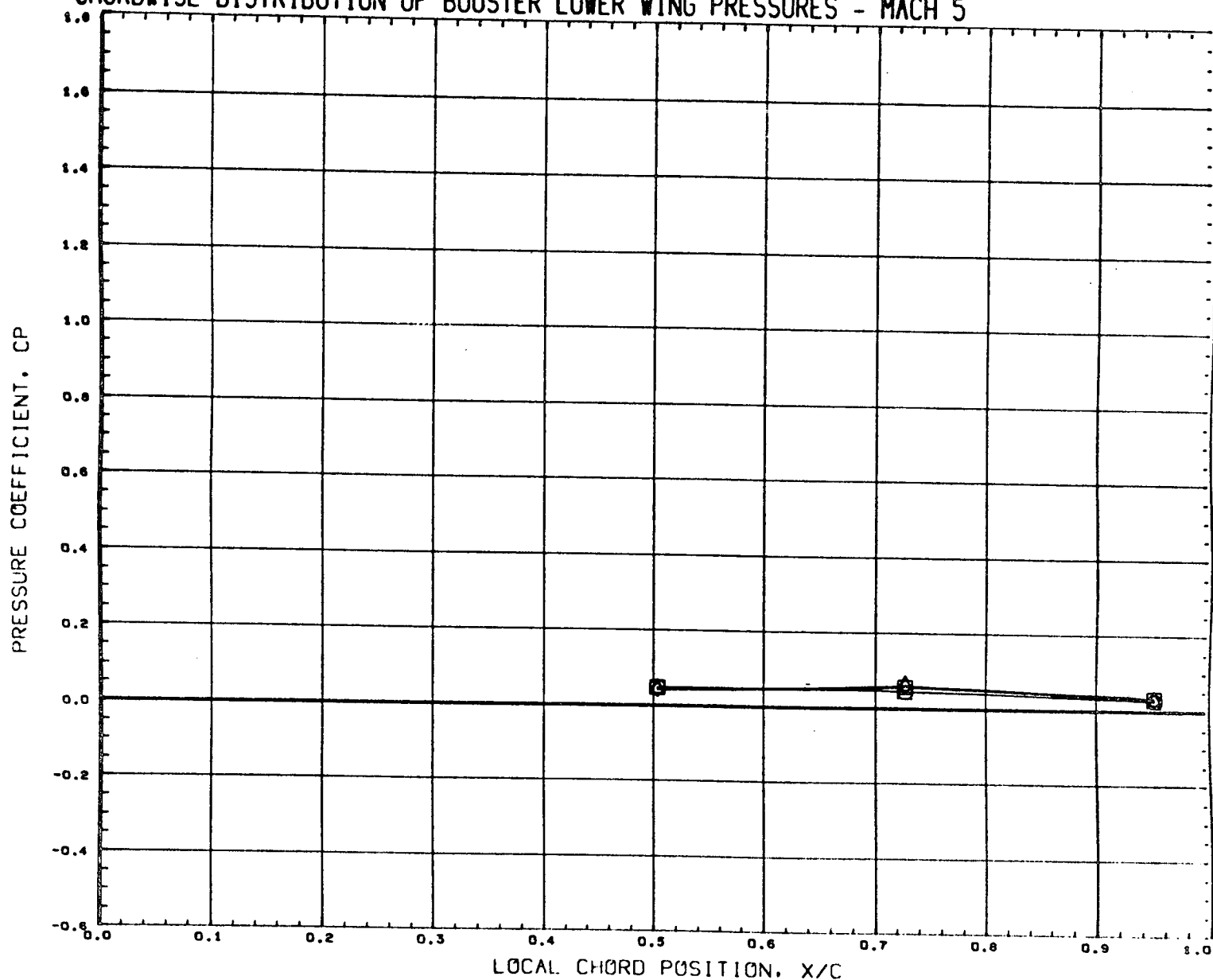
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8592•

PAGE 1311

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA0	- 4.957
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

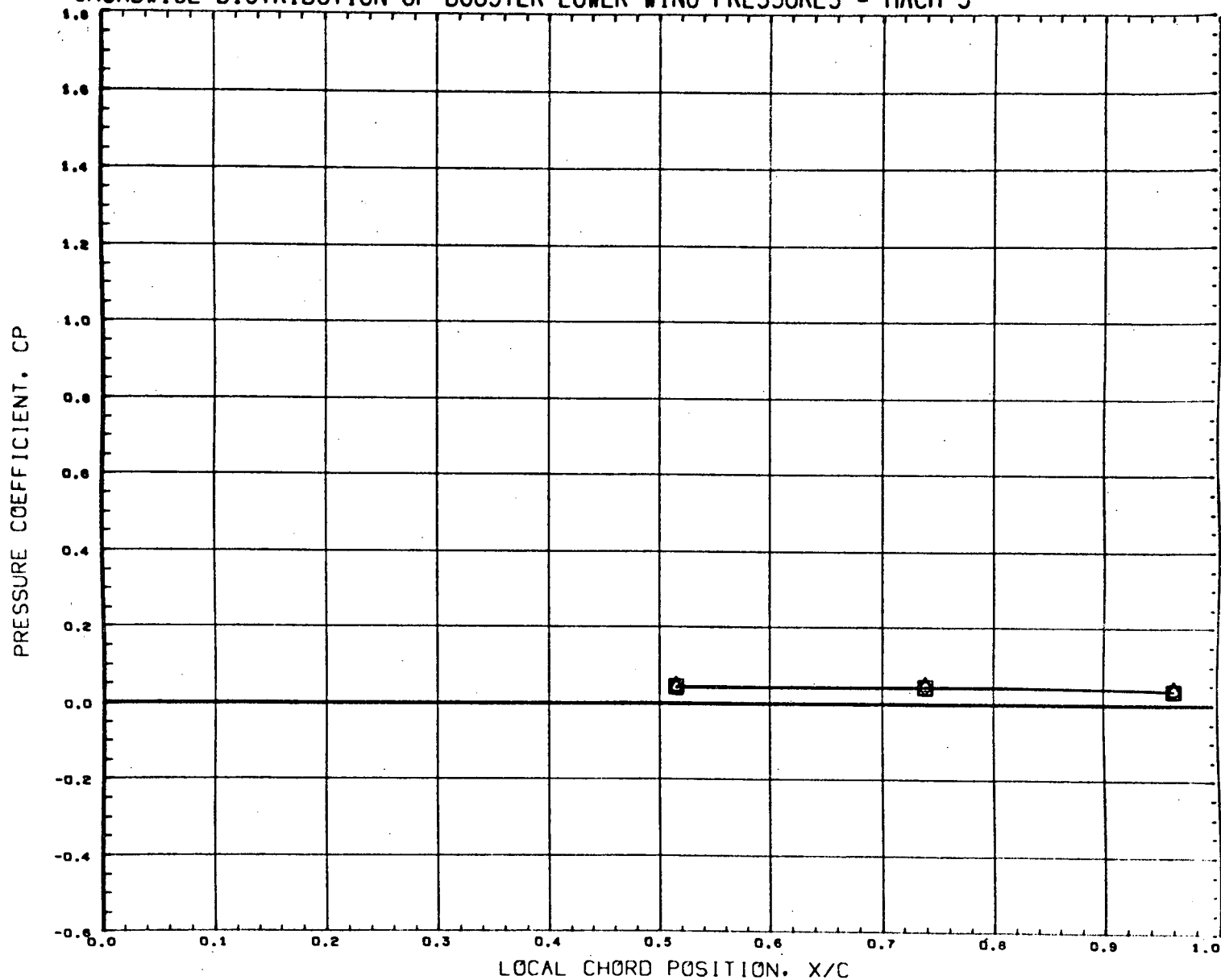
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8592•

PAGE 1312

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

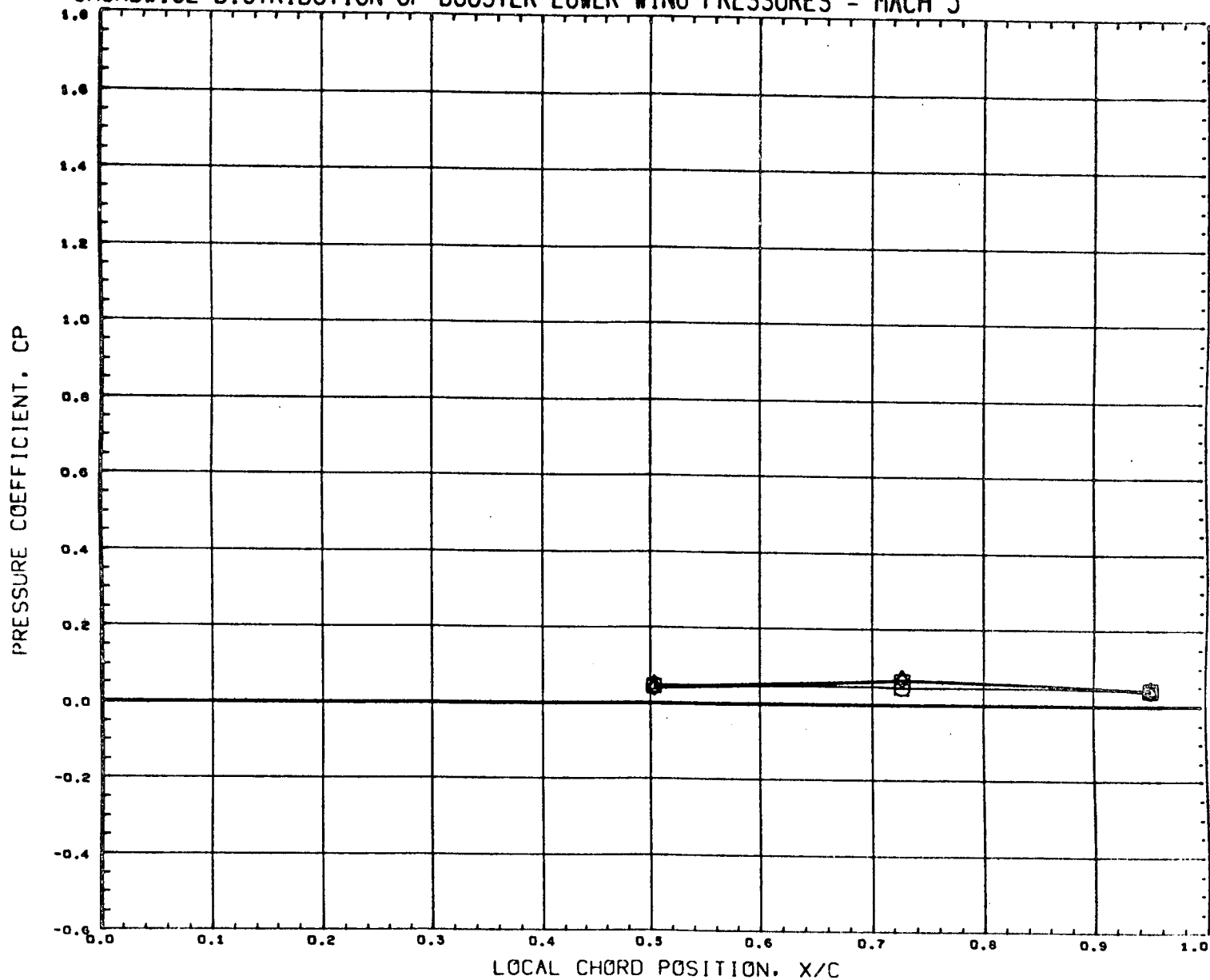
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8593•

PAGE 1313

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

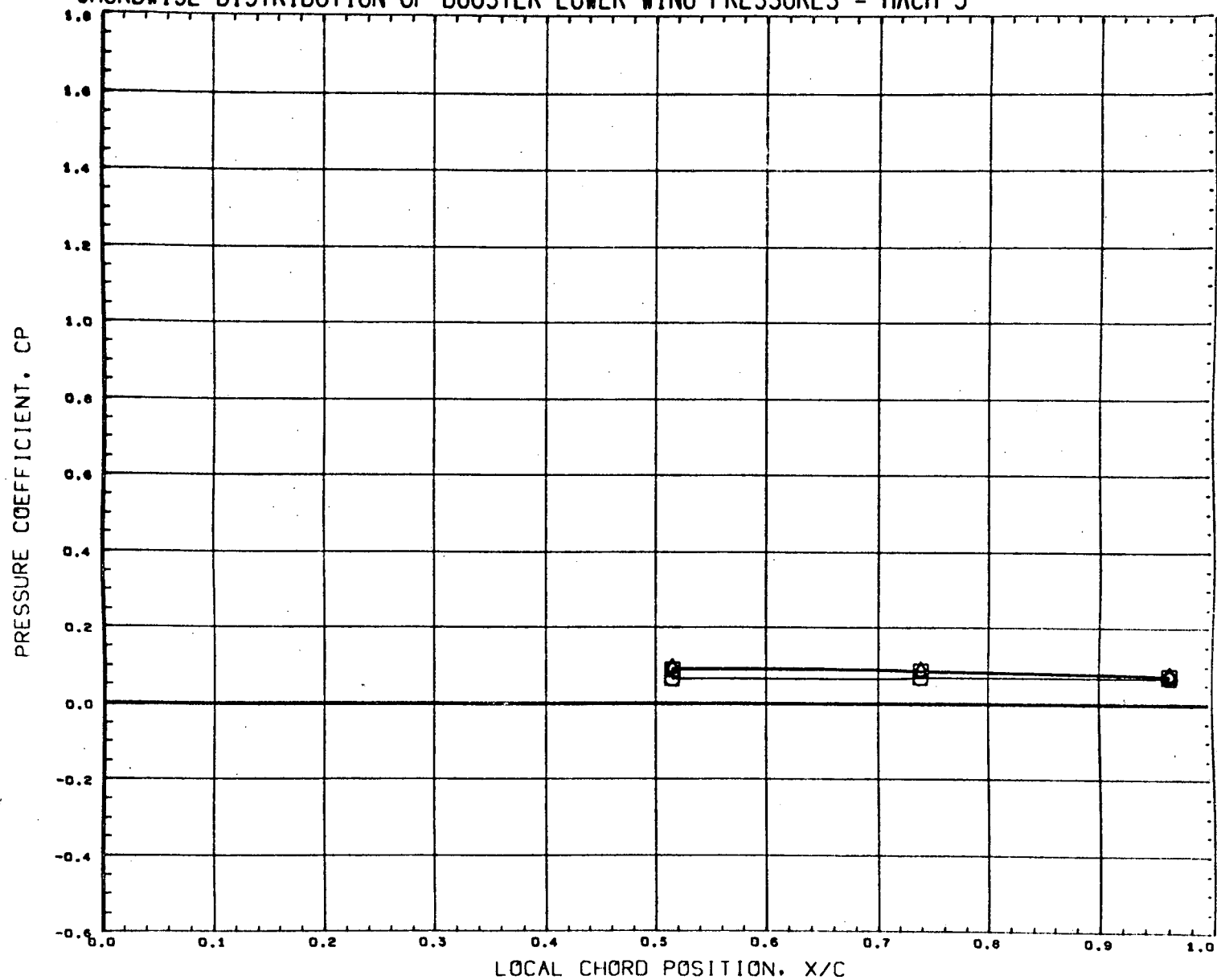
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8593•

PAGE 1314

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.035
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

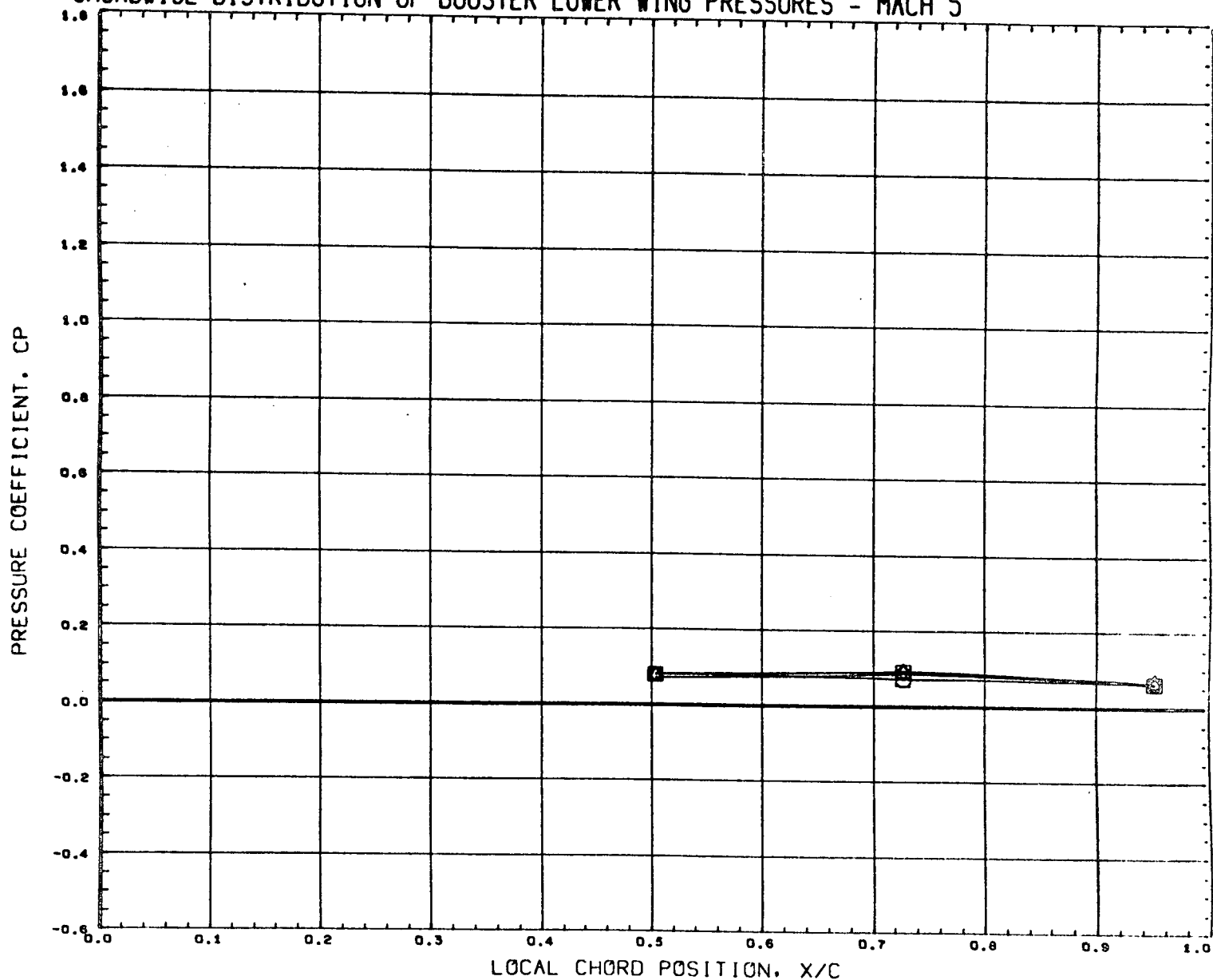
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8594•

PAGE 1315

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

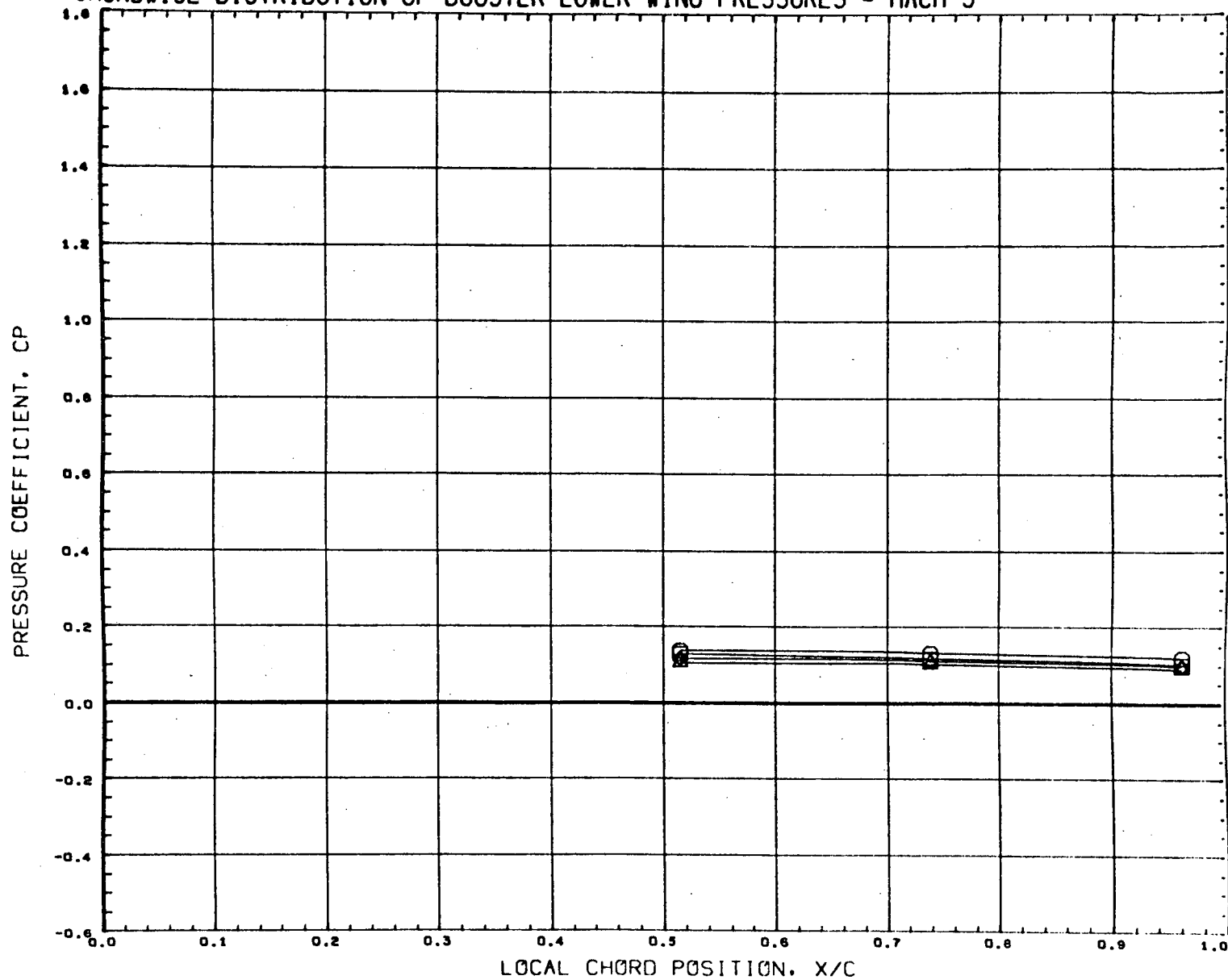
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8594•

PAGE 1316

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.992
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

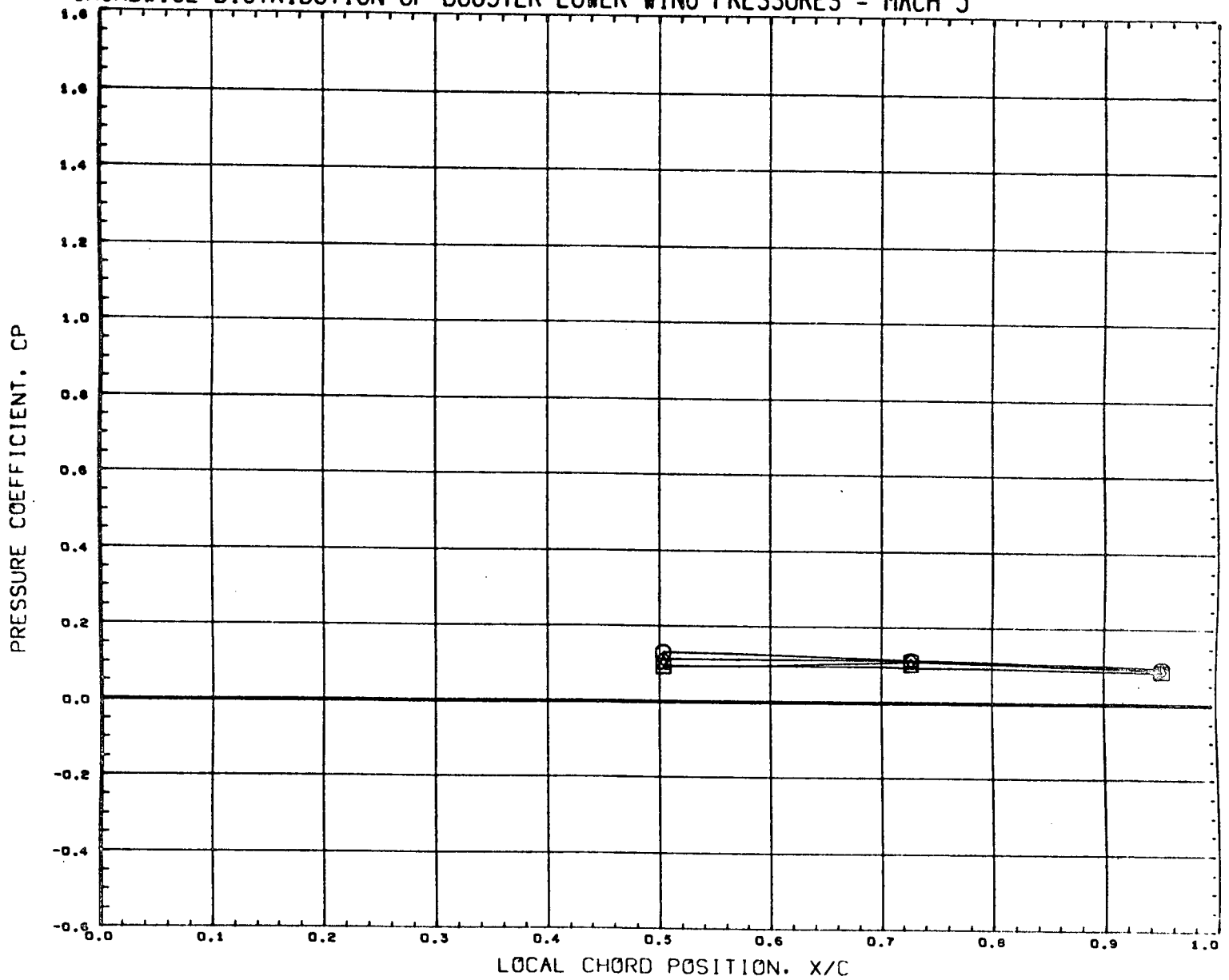
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8595•

PAGE 1317

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.992
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

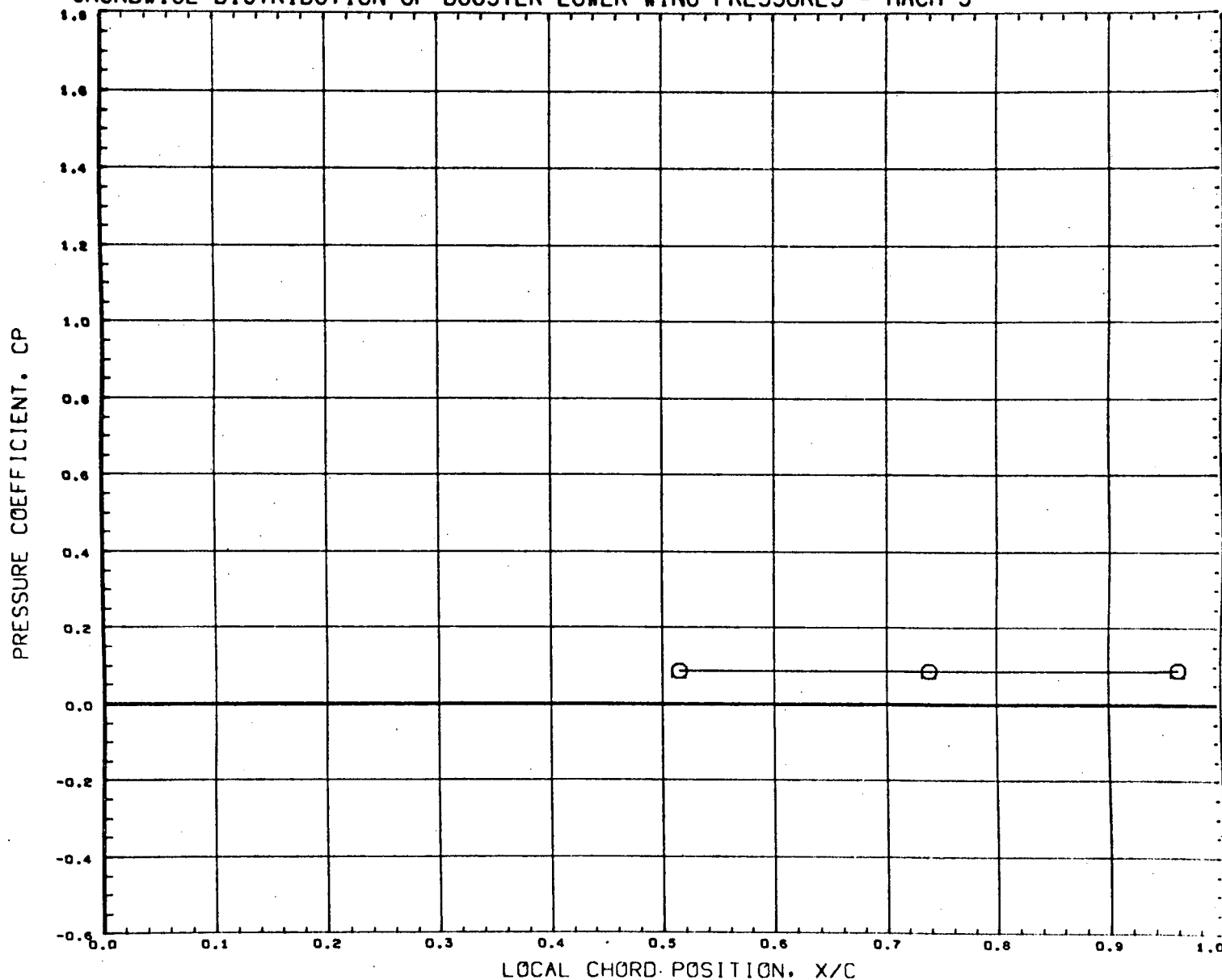
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8595•

PAGE 1318

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ - 0.179 0.221 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.980
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

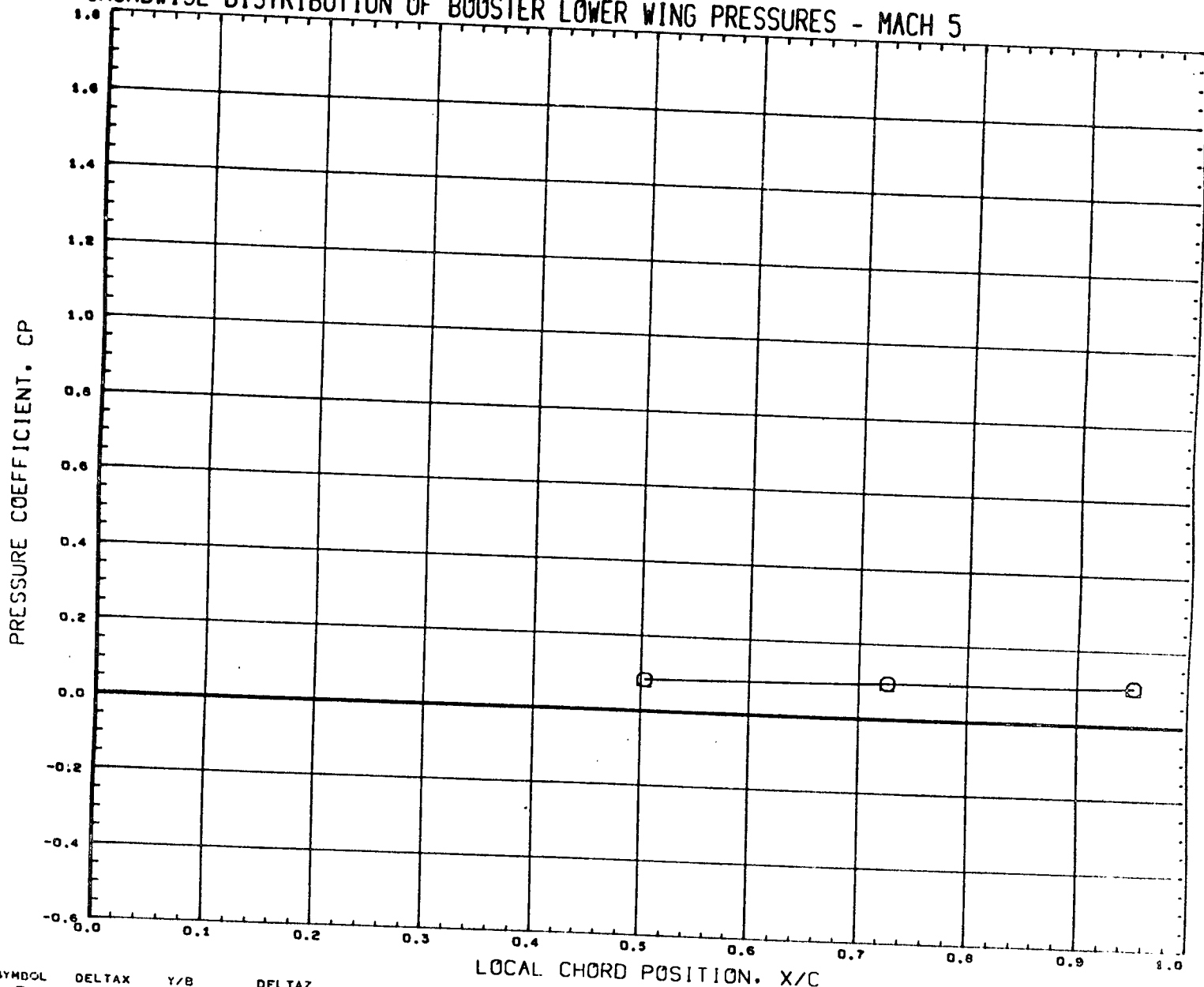
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8601•

PAGE 1319

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O - 0.179 0.359 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.980
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

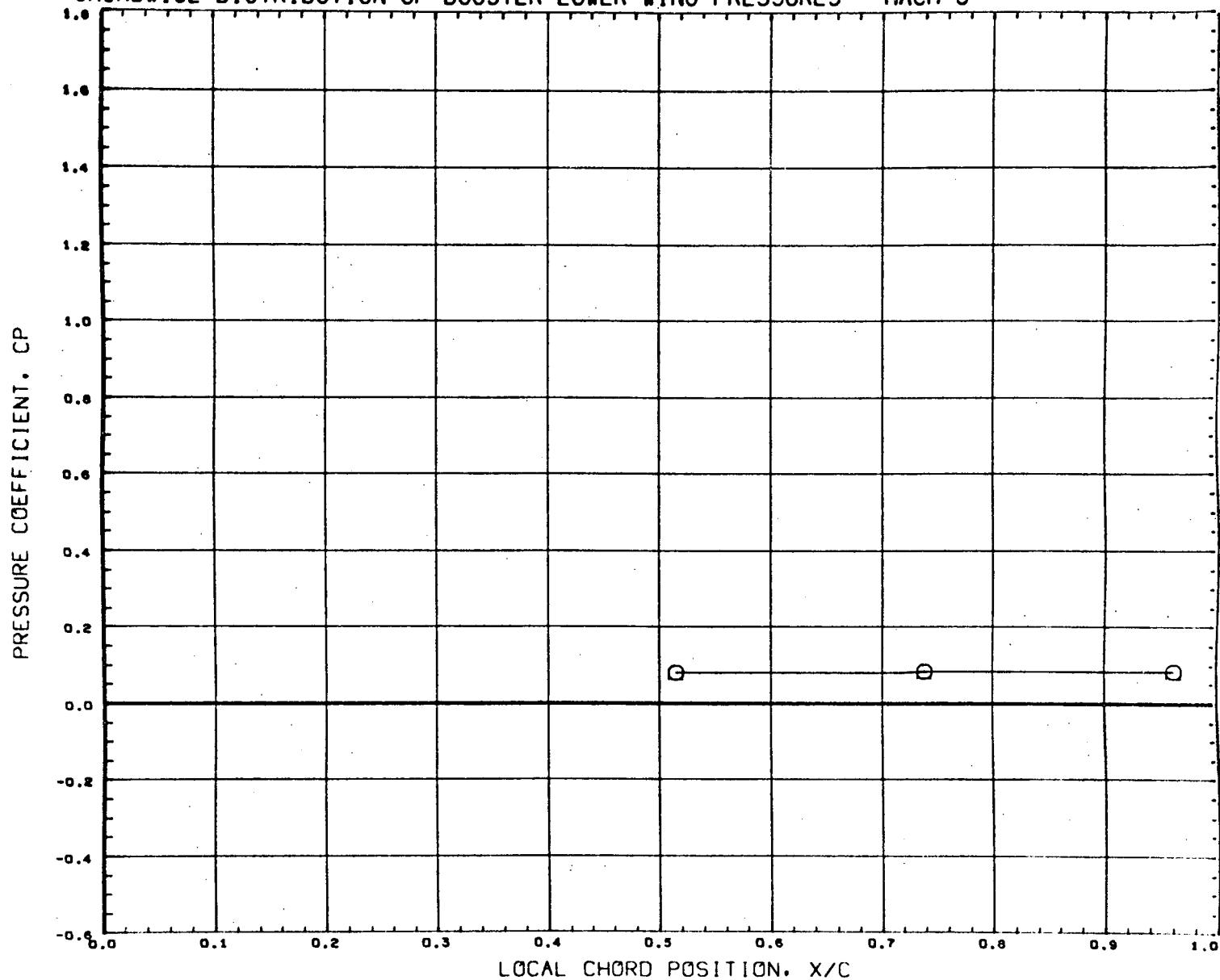
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8601•

PAGE 1320

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 □ - 0.179 0.221 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.960
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

REFERENCE FILE

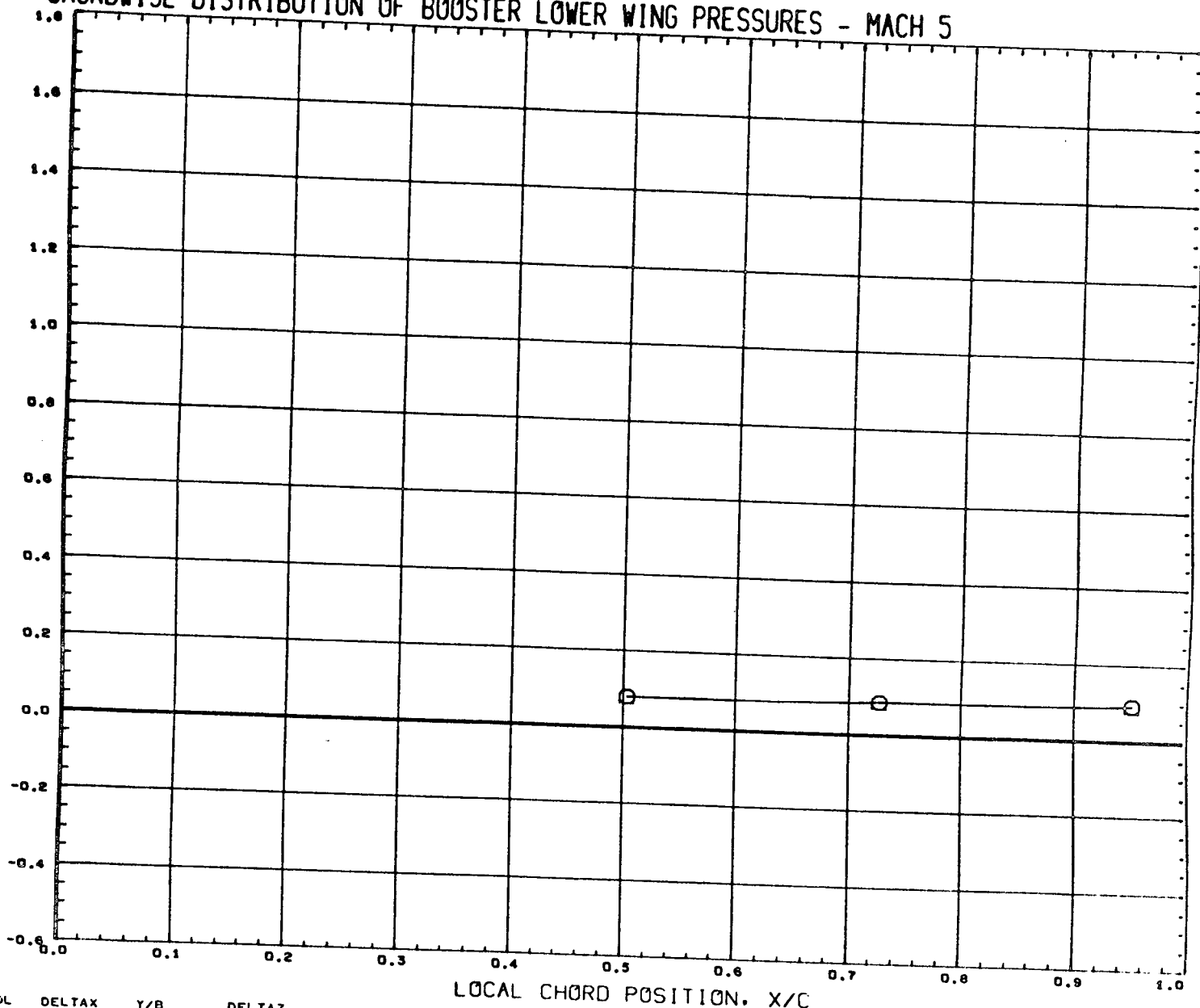
AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8602•

PAGE 1321

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5

PRESSURE COEFFICIENT, CP



SYMBOL DELTAX Y/B DELTAZ
 O - 0.179 0.359 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.980
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

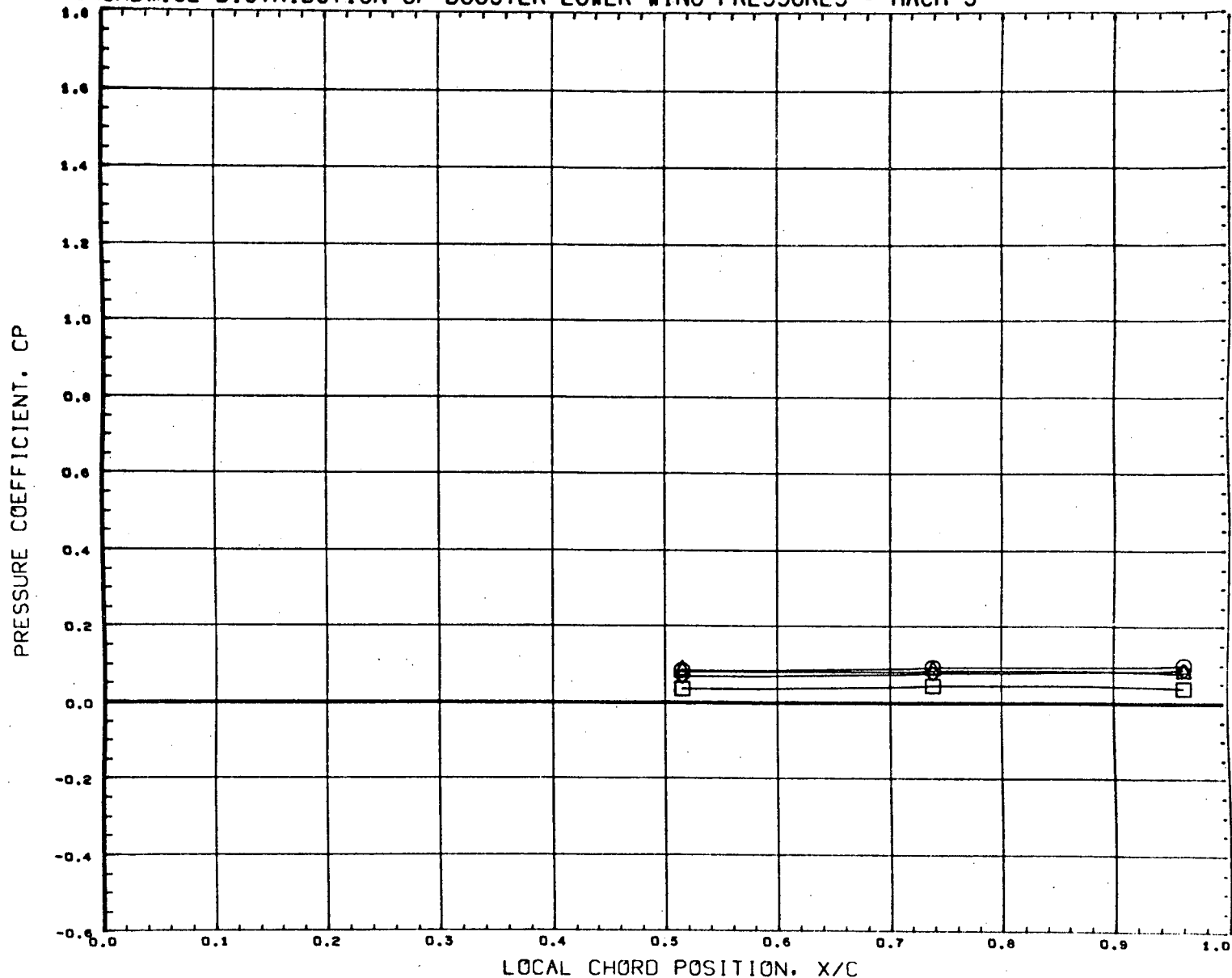
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8602•

PAGE 1322

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	100.000

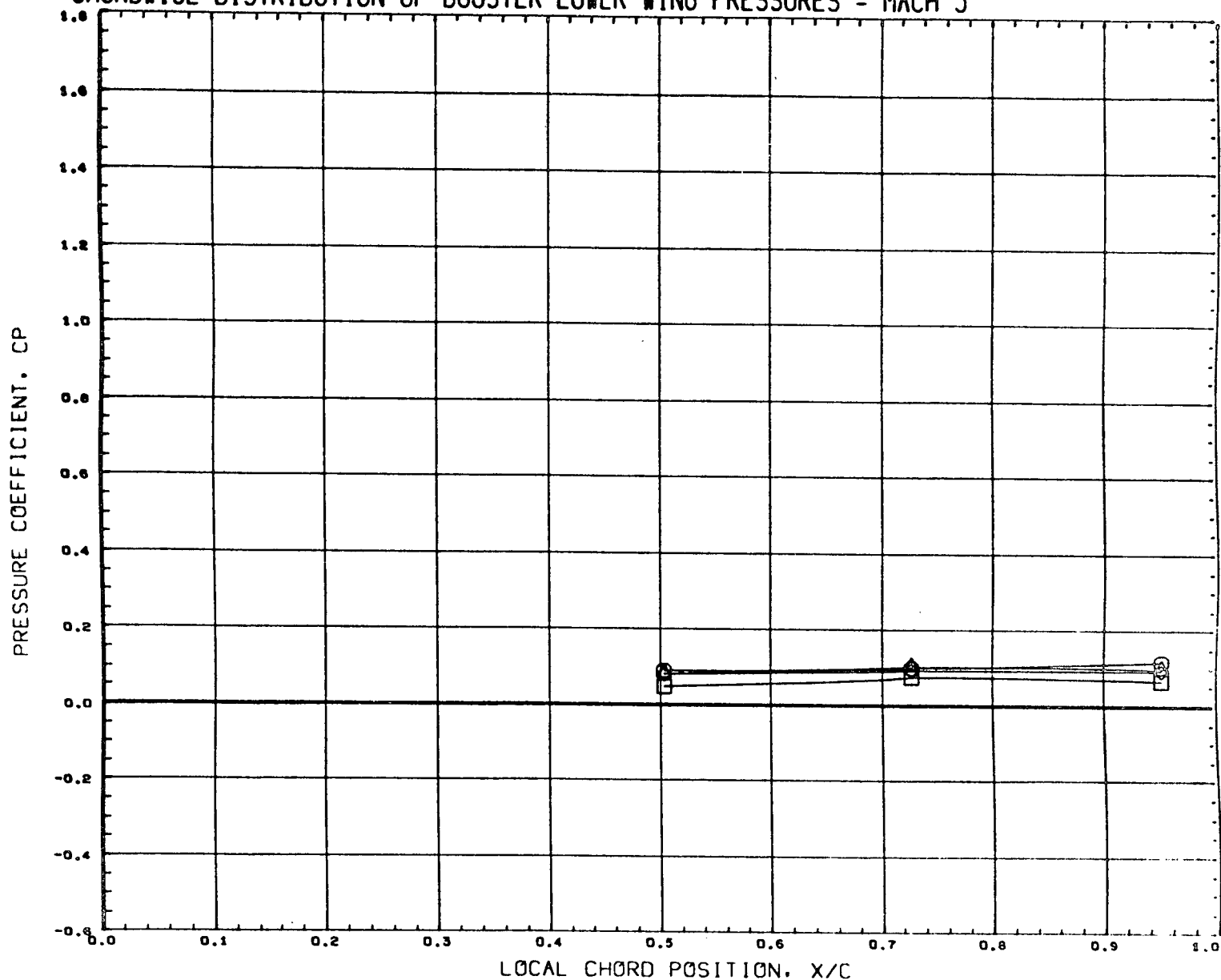
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8603•

PAGE 1323

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
◇	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	100.000

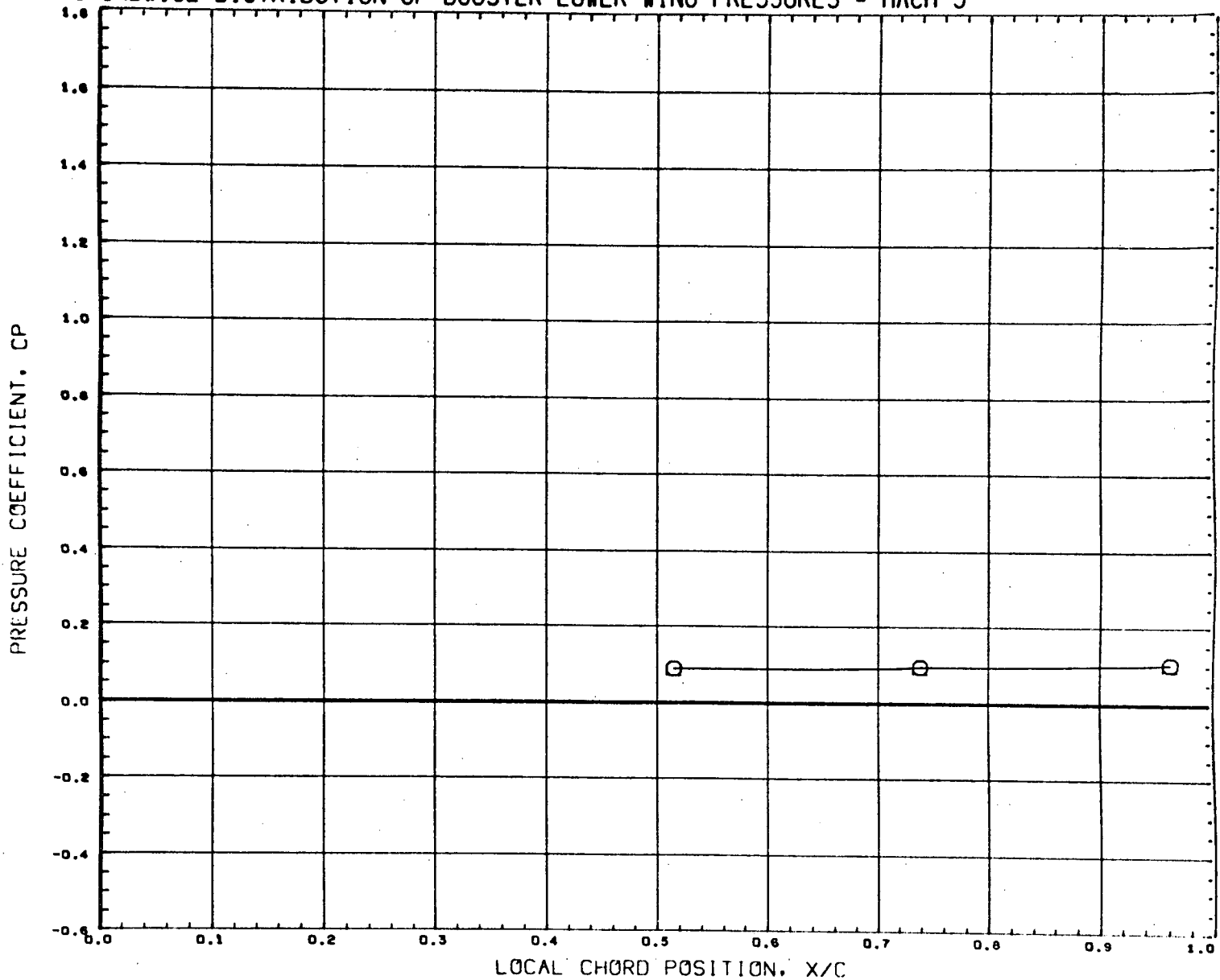
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8603•

PAGE 1324

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O - 0.179 0.221 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.040
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

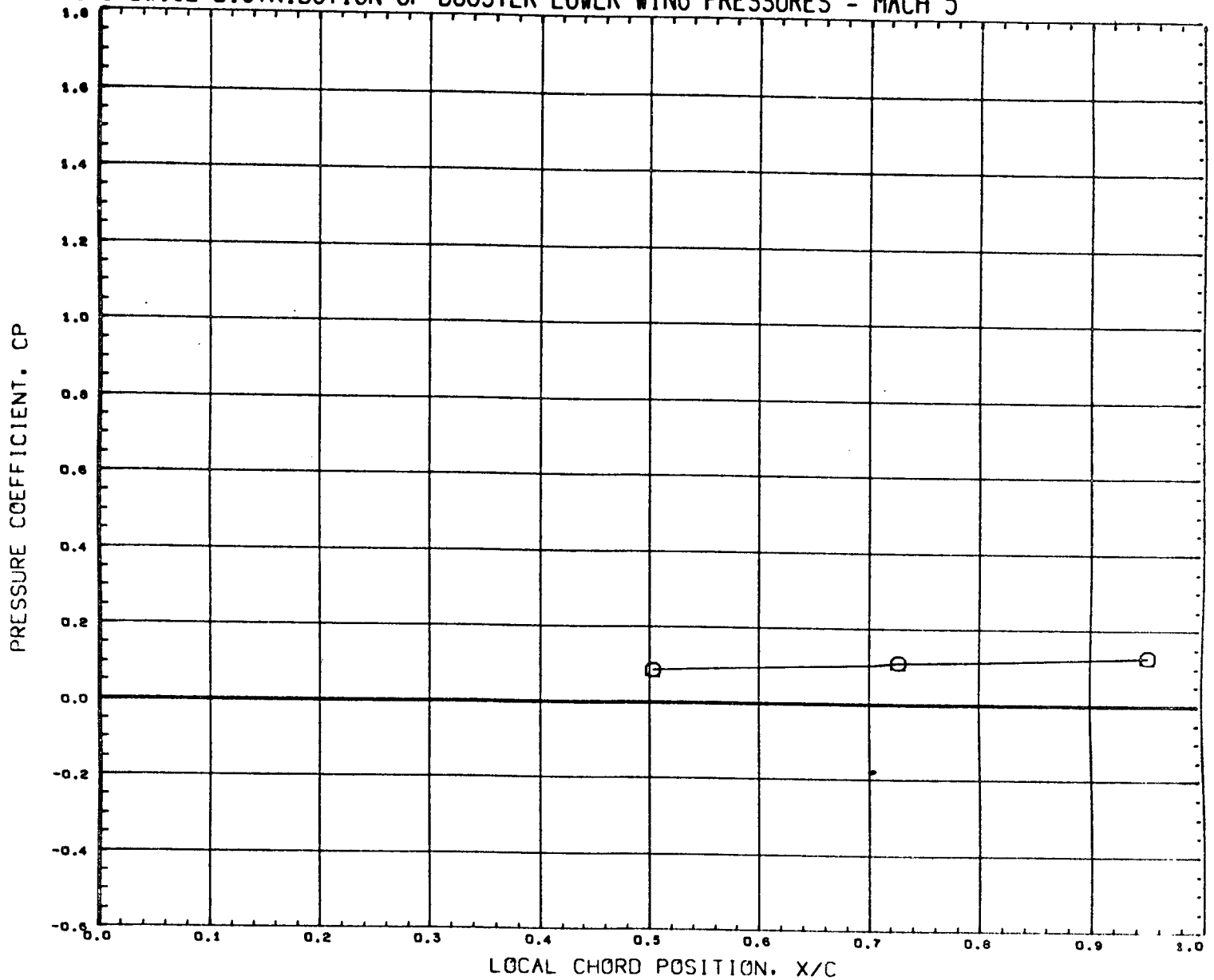
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8604•

PAGE 1325

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ - 0.179 0.359 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.040
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

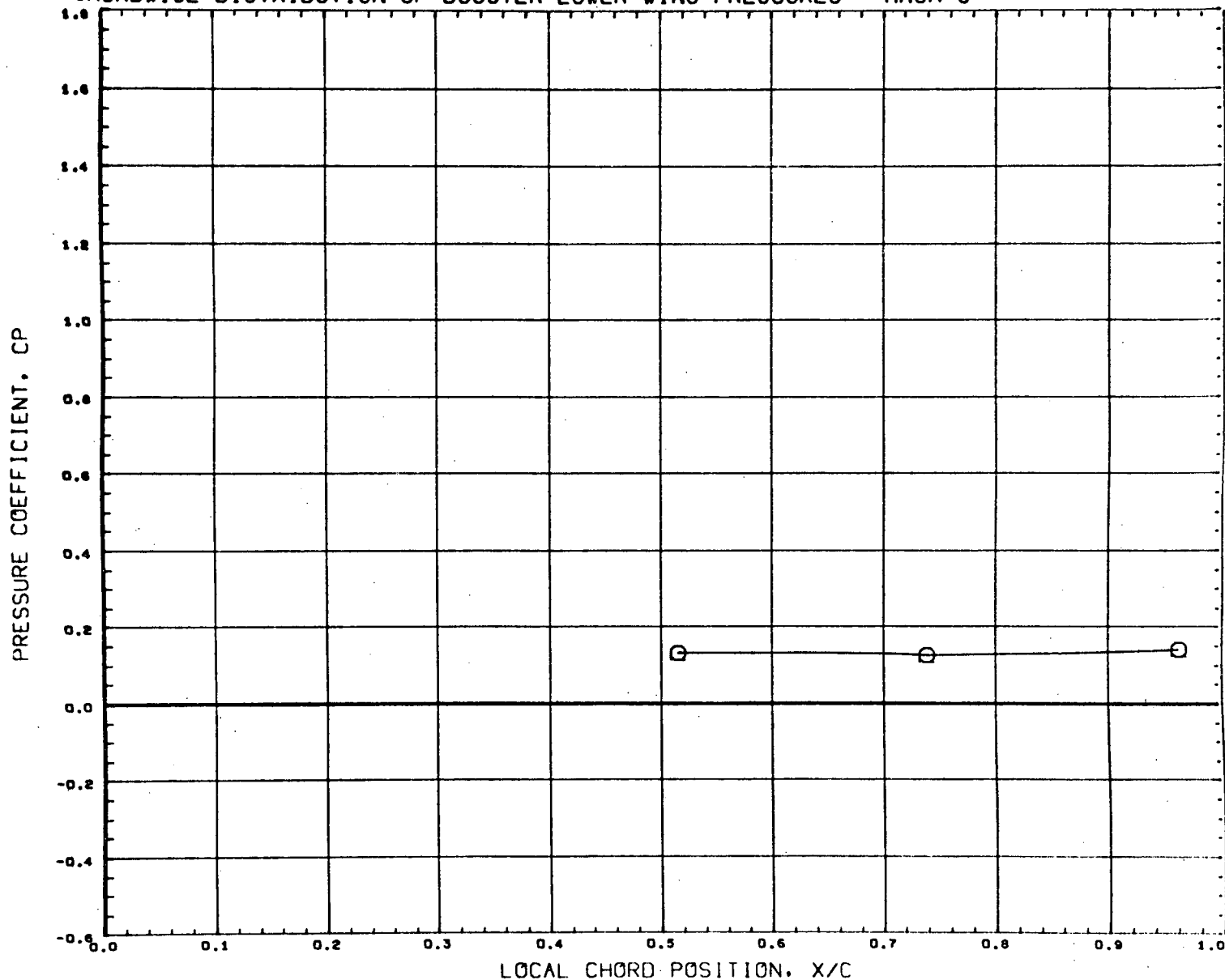
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8604•

PAGE 1326

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O - 0.179 0.221 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 9.990
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

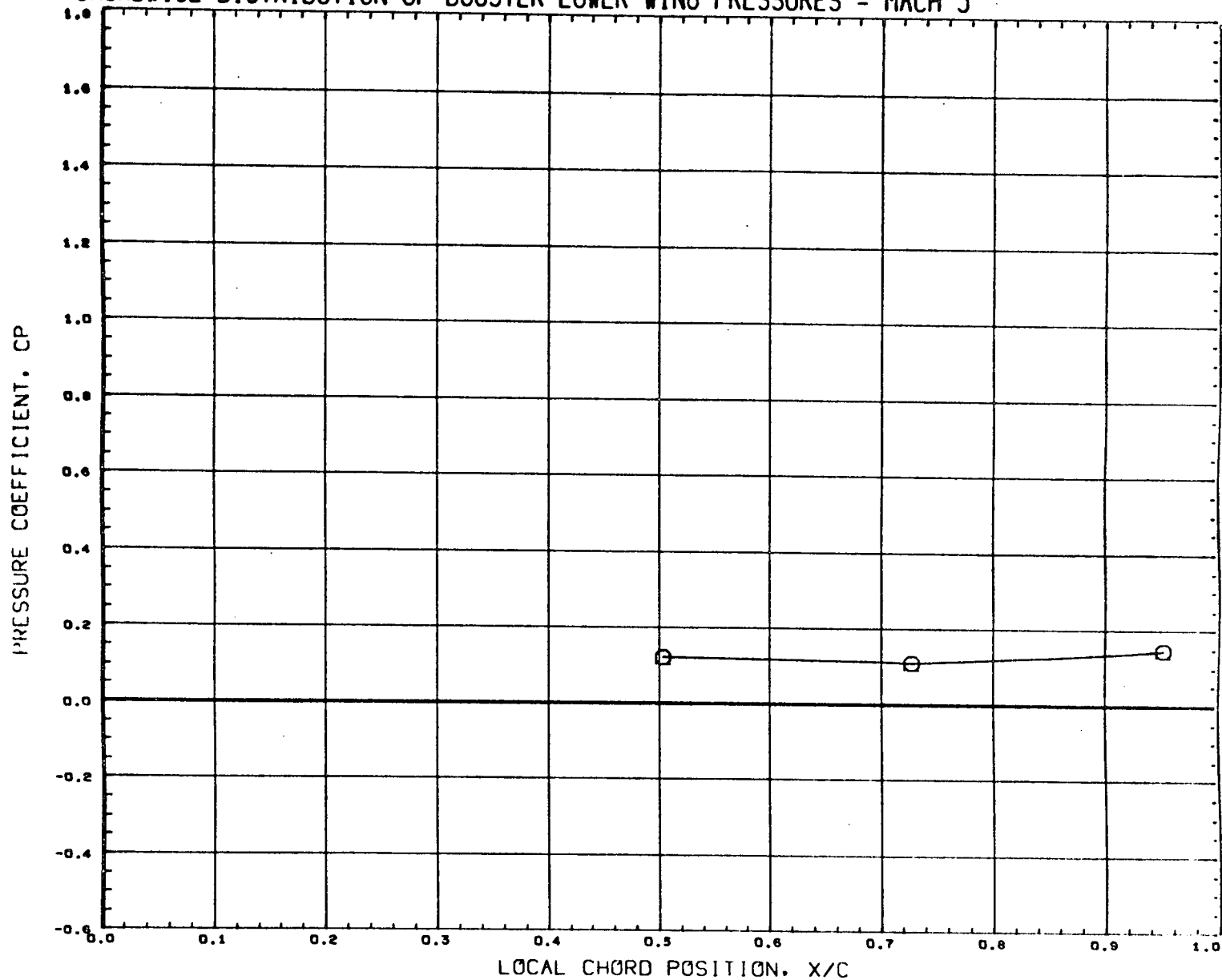
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8605•

PAGE 1327

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ - 0.179 0.359 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 9.990
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

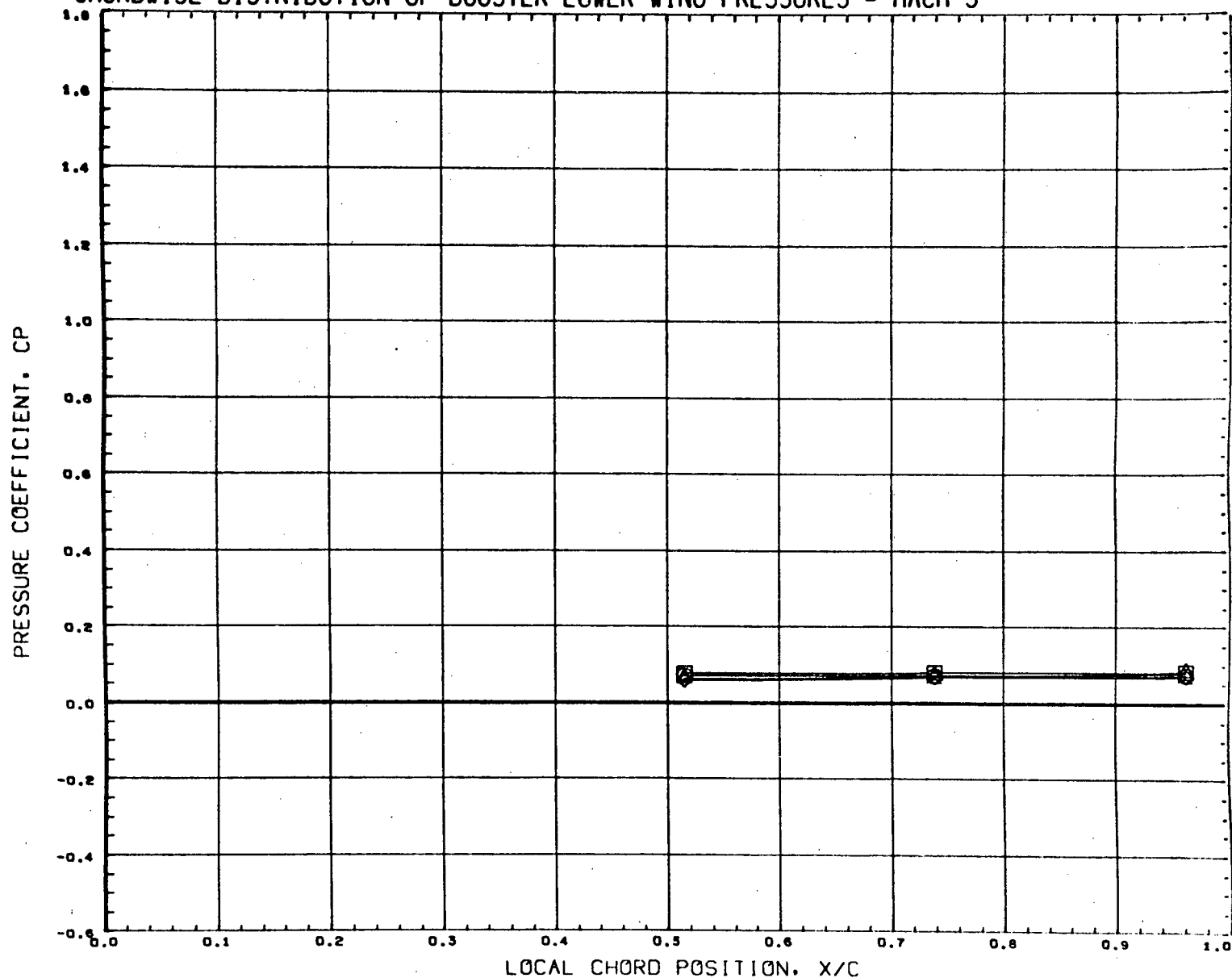
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8605•

PAGE 1328

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA D	9.980
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

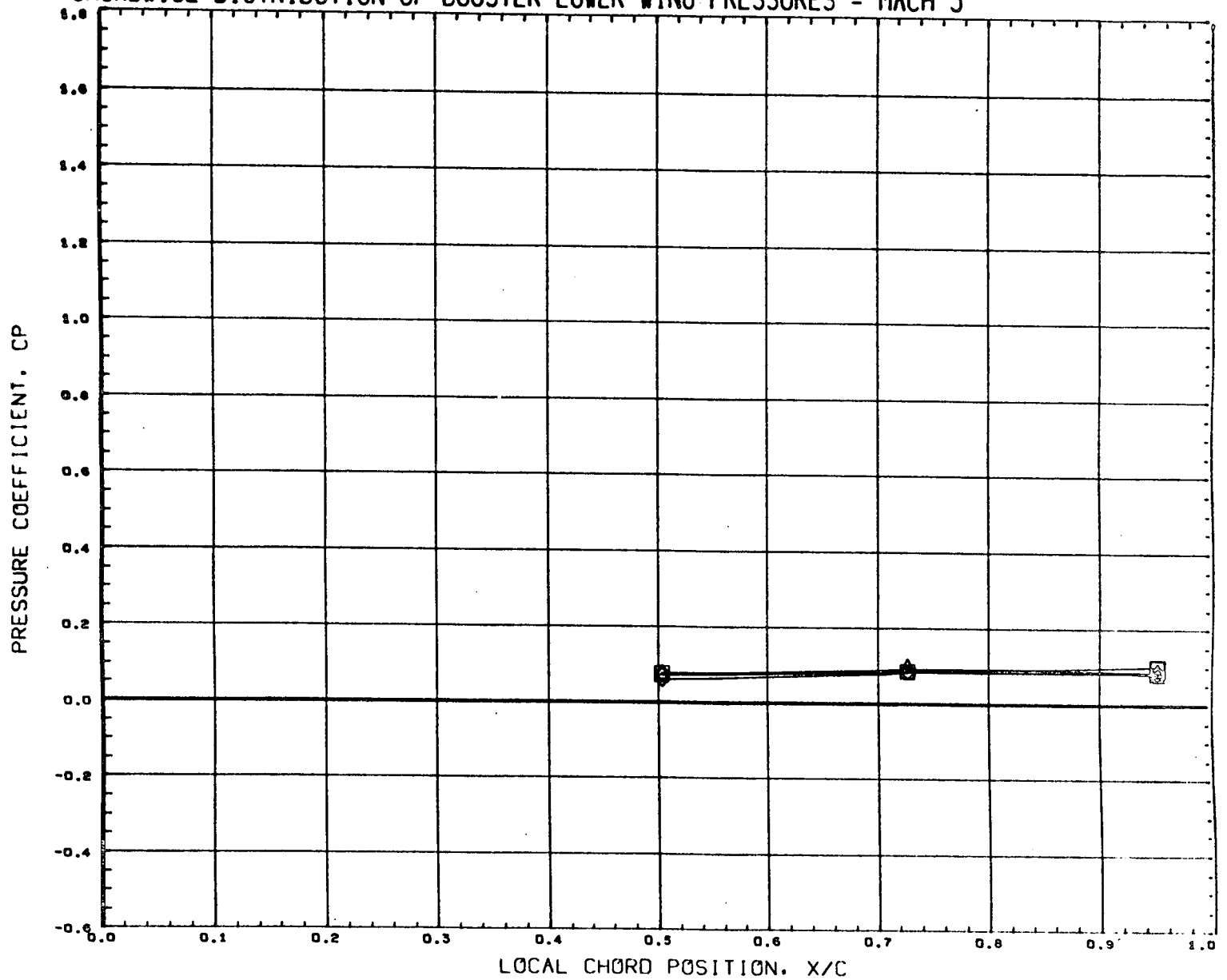
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8611•

PAGE 1329

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	- 9.980
MACH	4.970	ALPHA _I	0.000
ORBPOW	0.000	BSTPOW	100.000

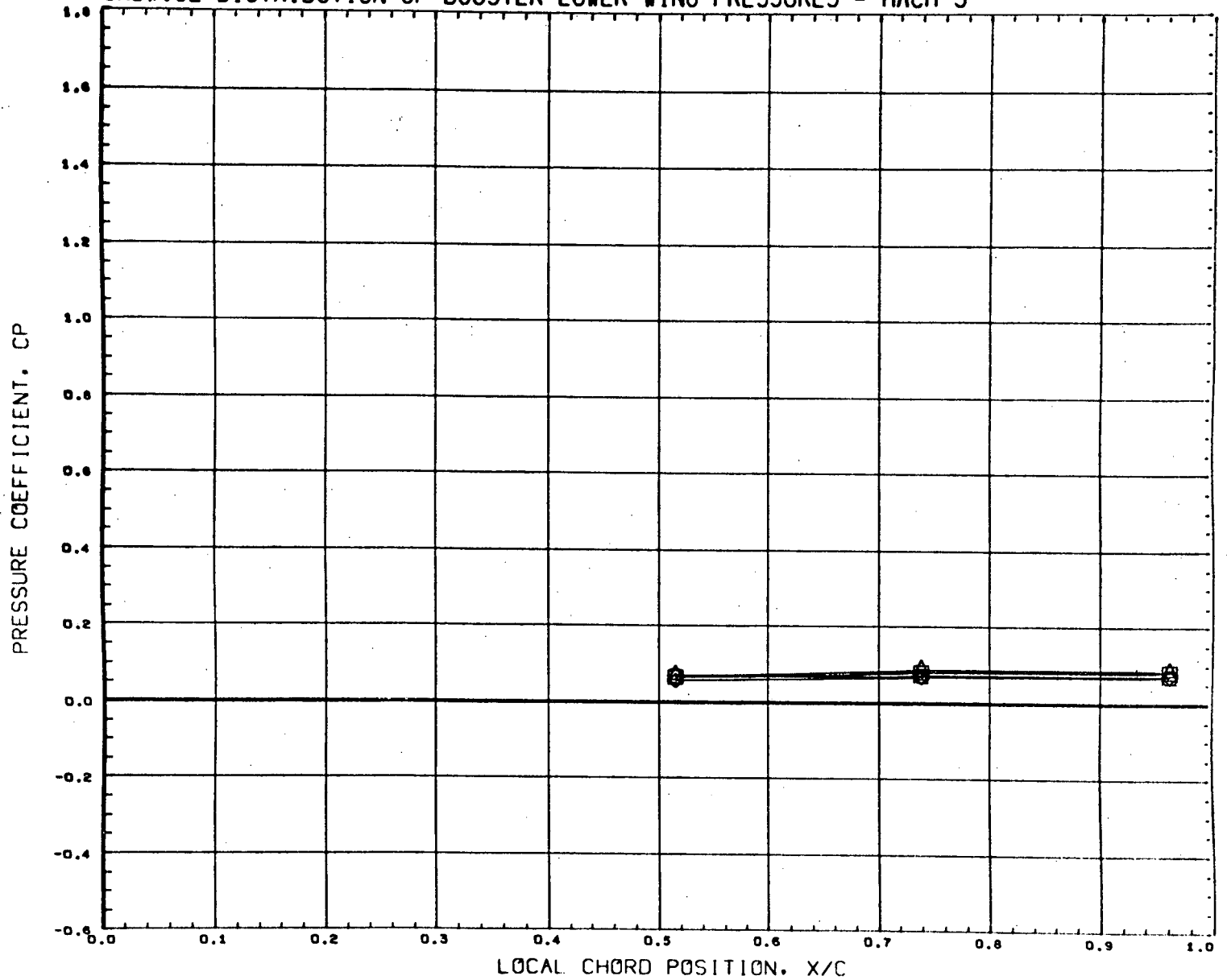
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8611•

PAGE 1330

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.950
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

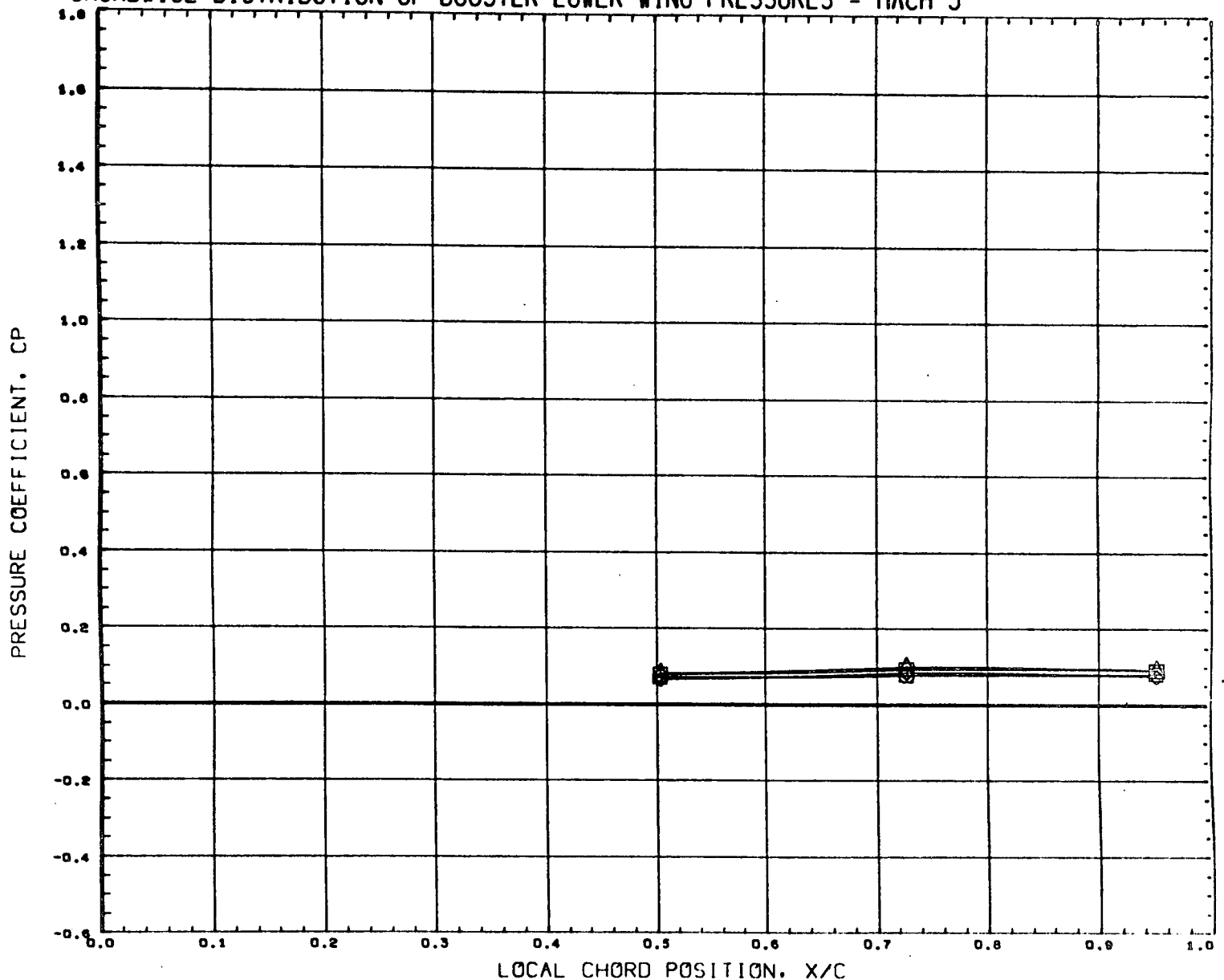
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8612•

PAGE 1331

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.950
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

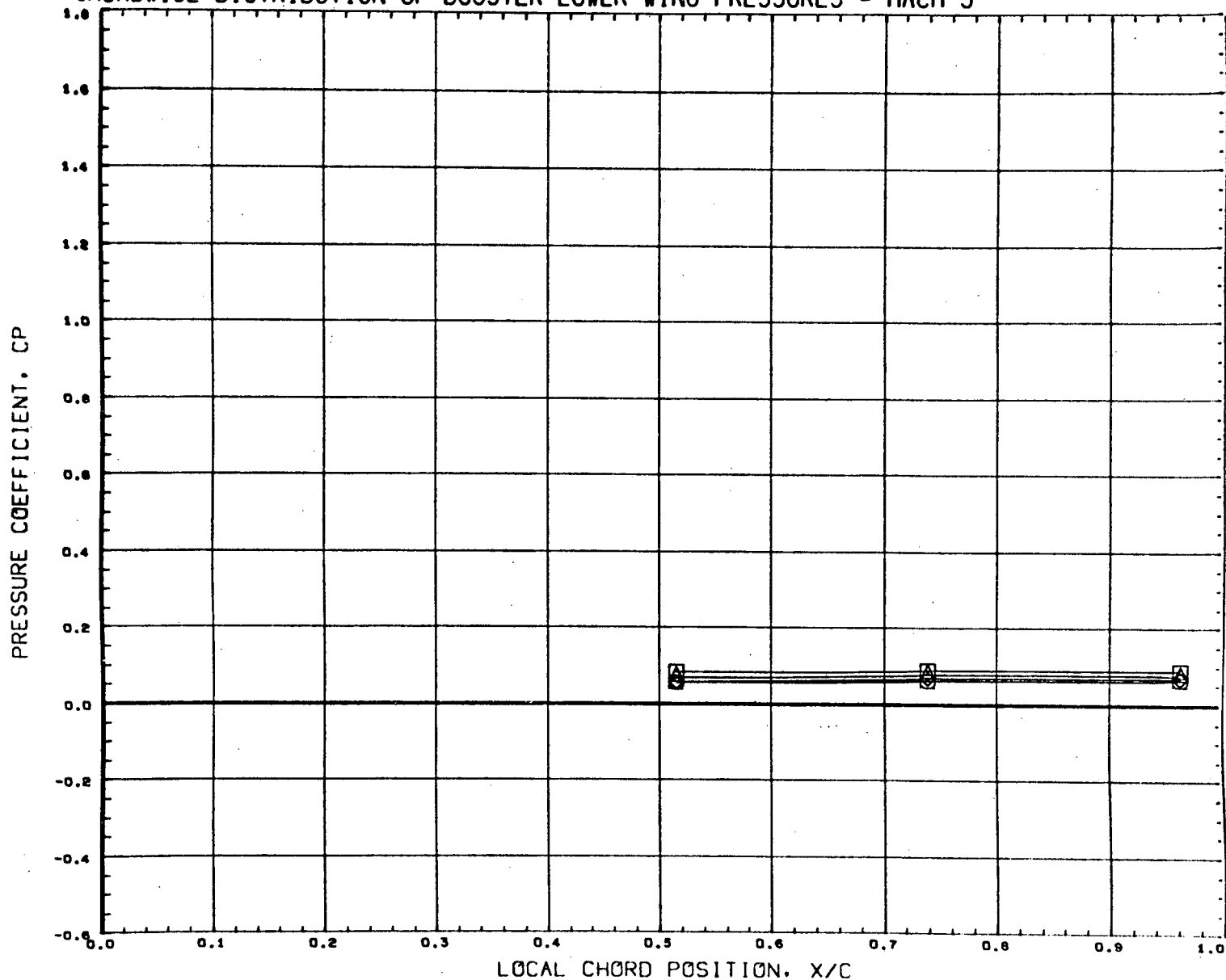
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8612•

PAGE 1332

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

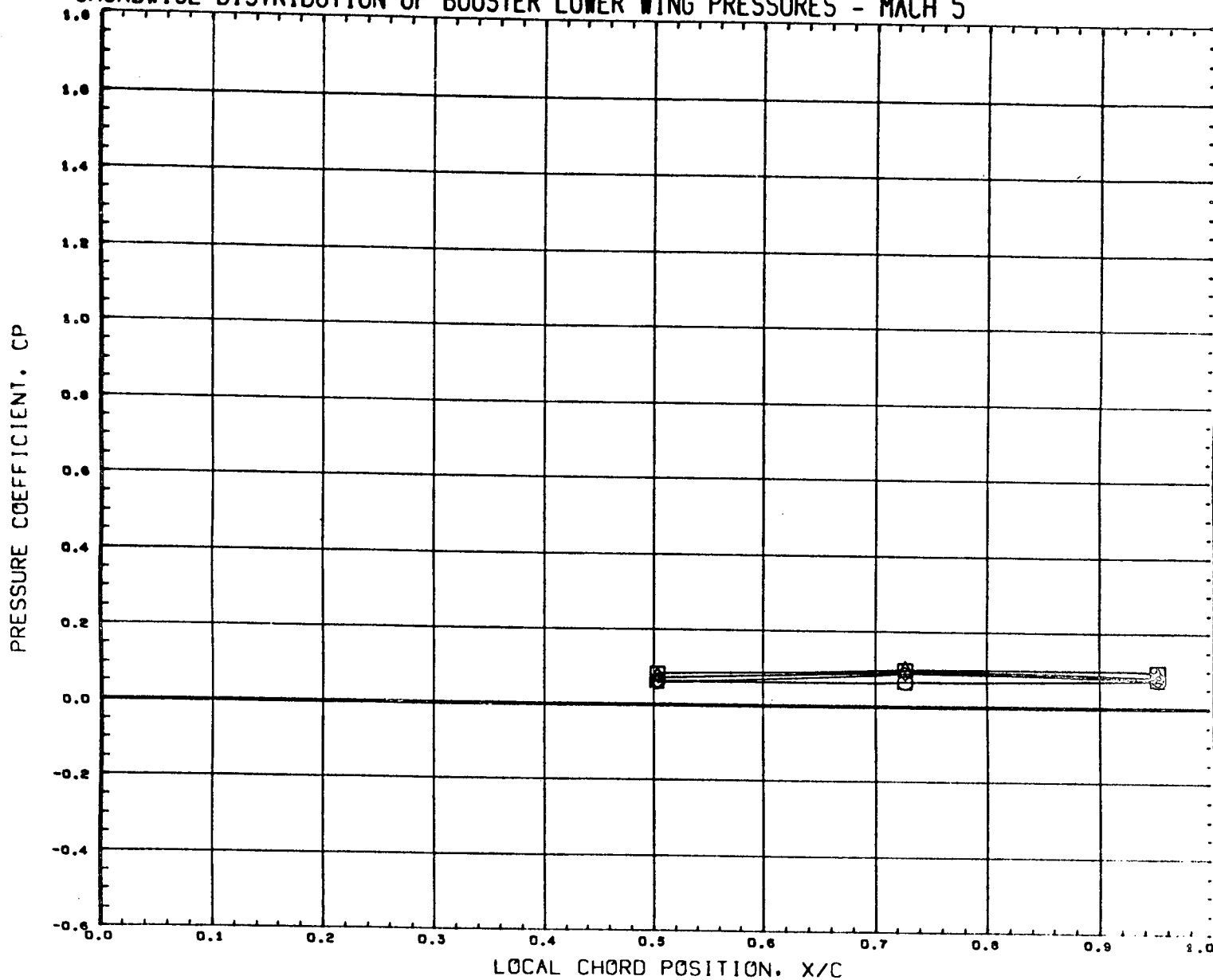
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8613•

PAGE 1333

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

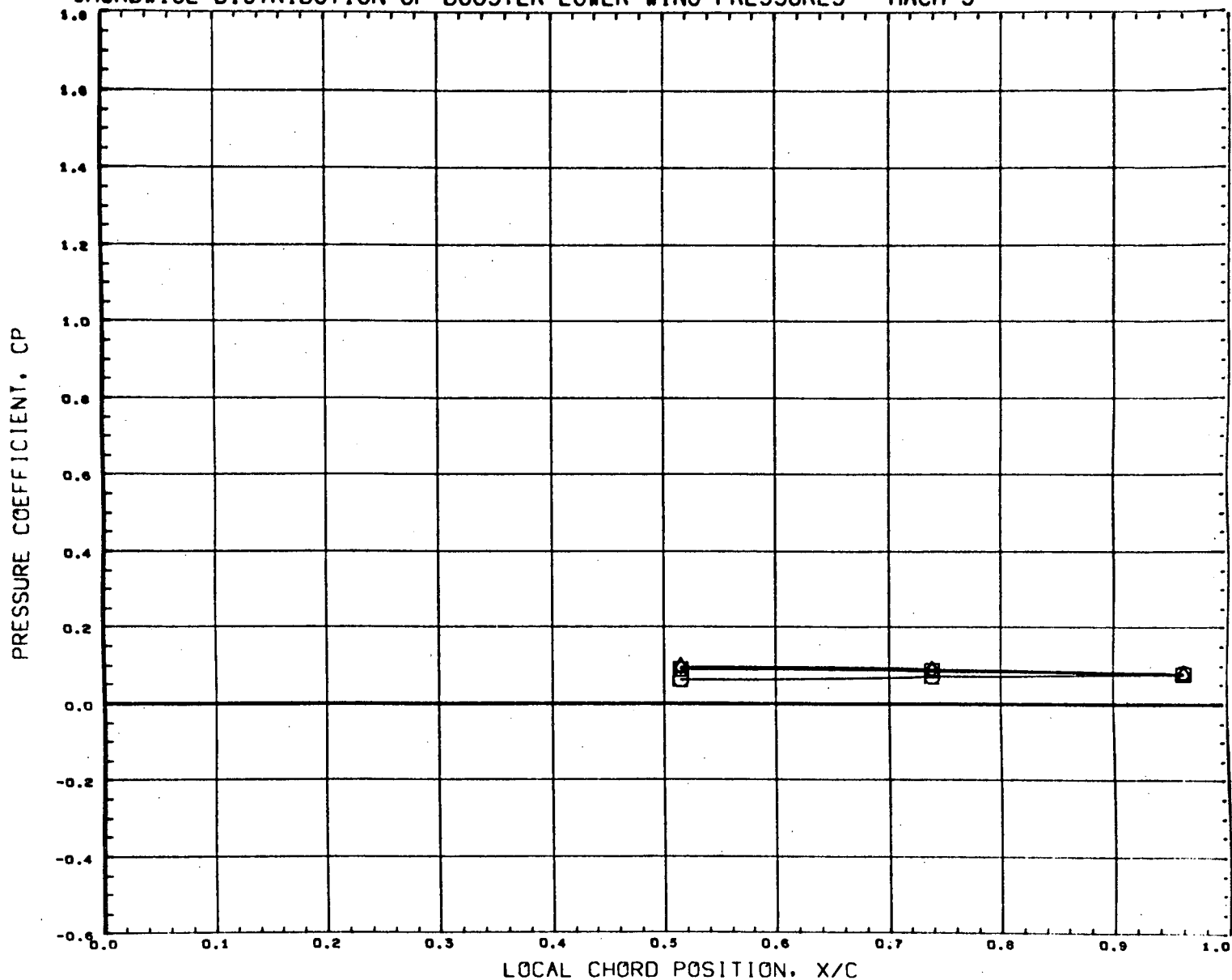
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8613•

PAGE 1334

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.037
MACH	4.970	ALPHA I	0.000
ORSPOW	0.000	BSTPOW	100.000

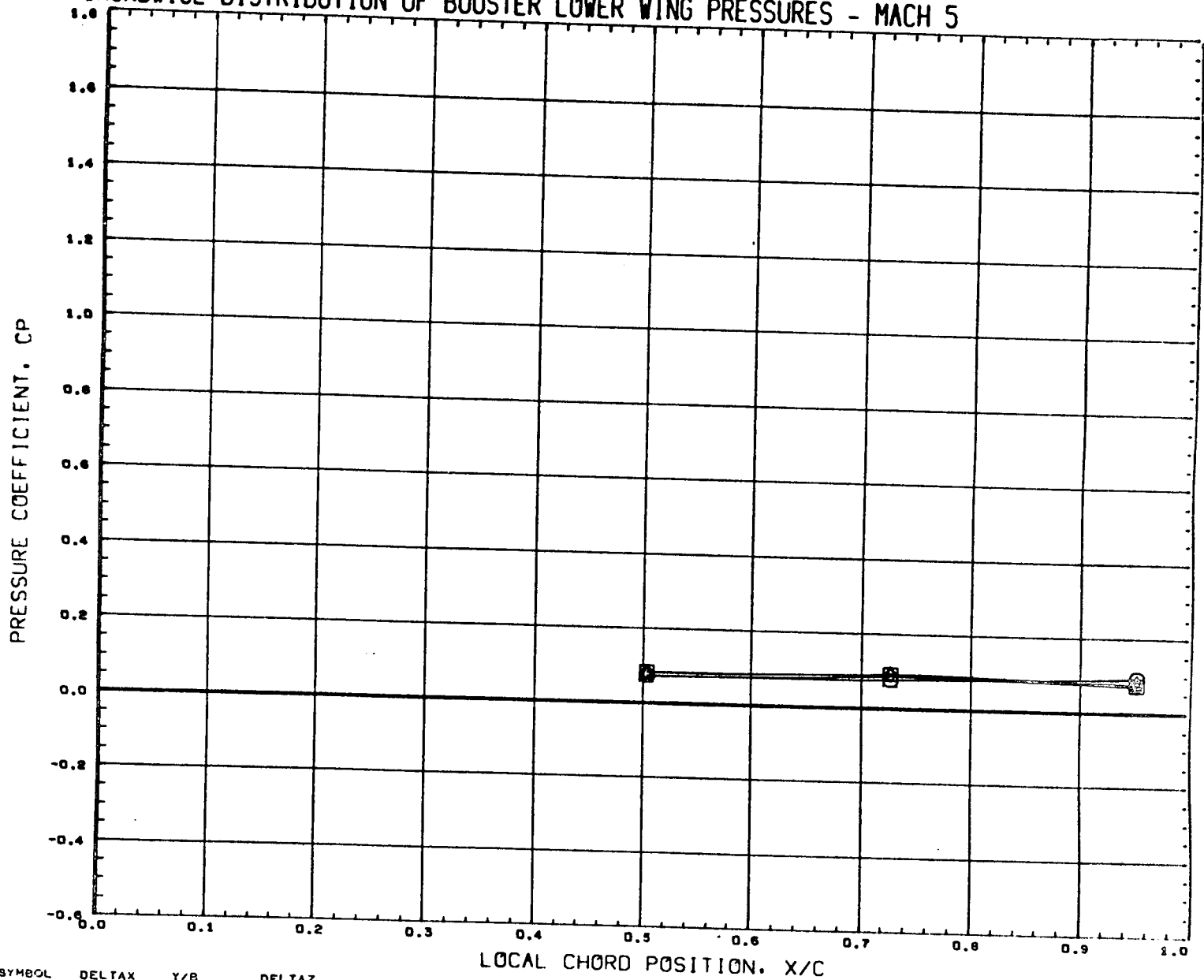
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8614•

PAGE 1335

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.037
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

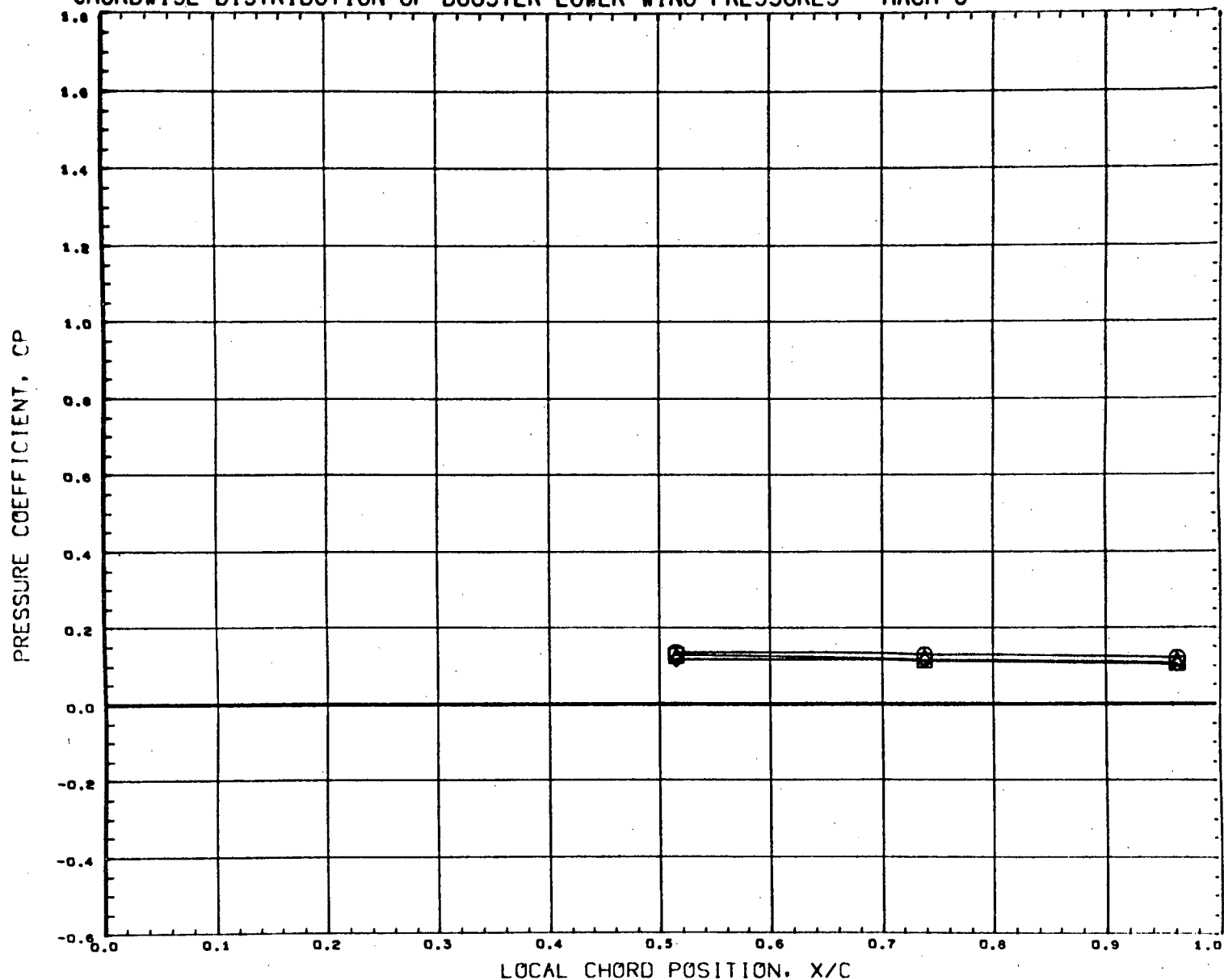
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8614•

PAGE 1336

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.993
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	100.000

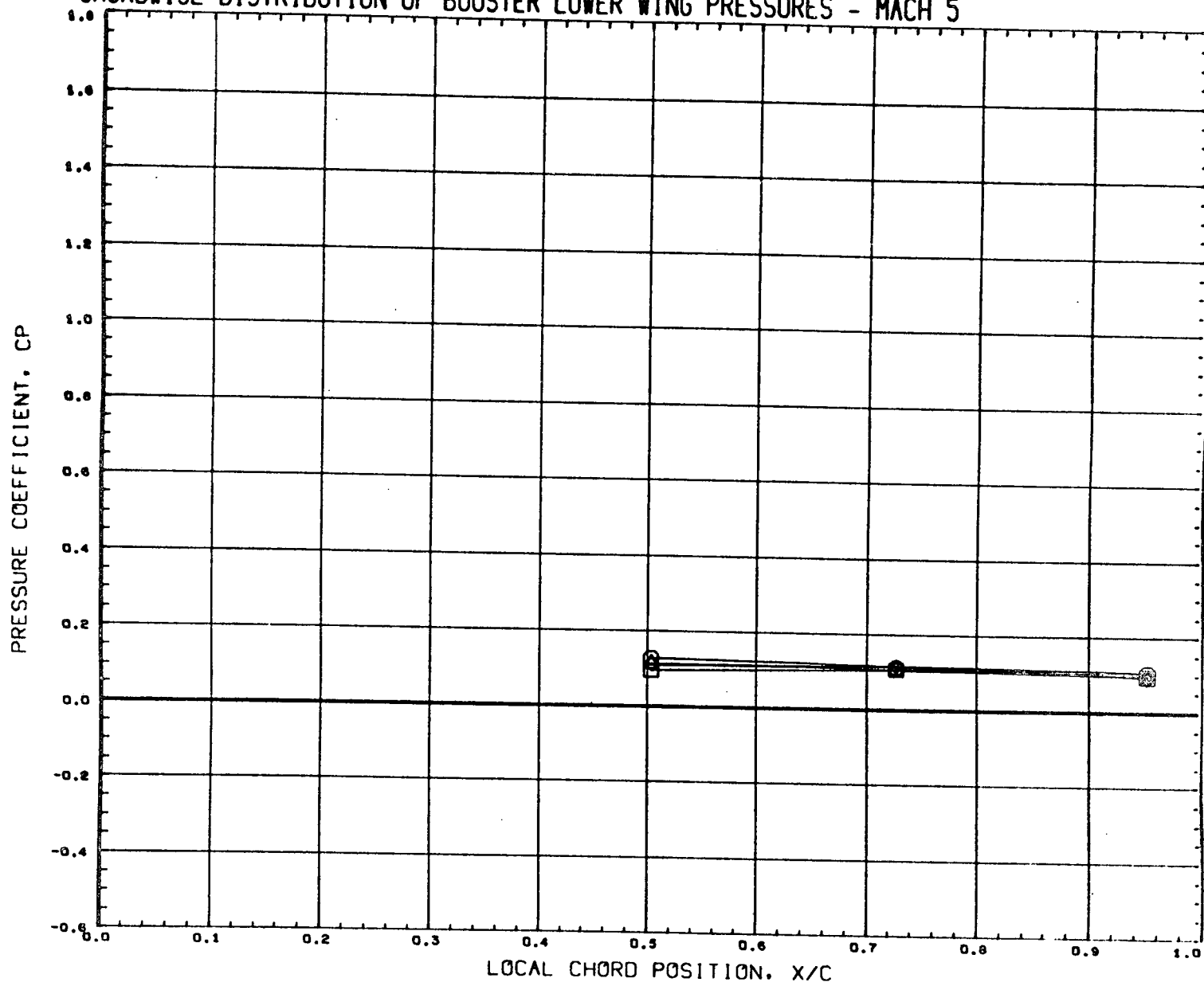
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8615•

PAGE 1337

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.999
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

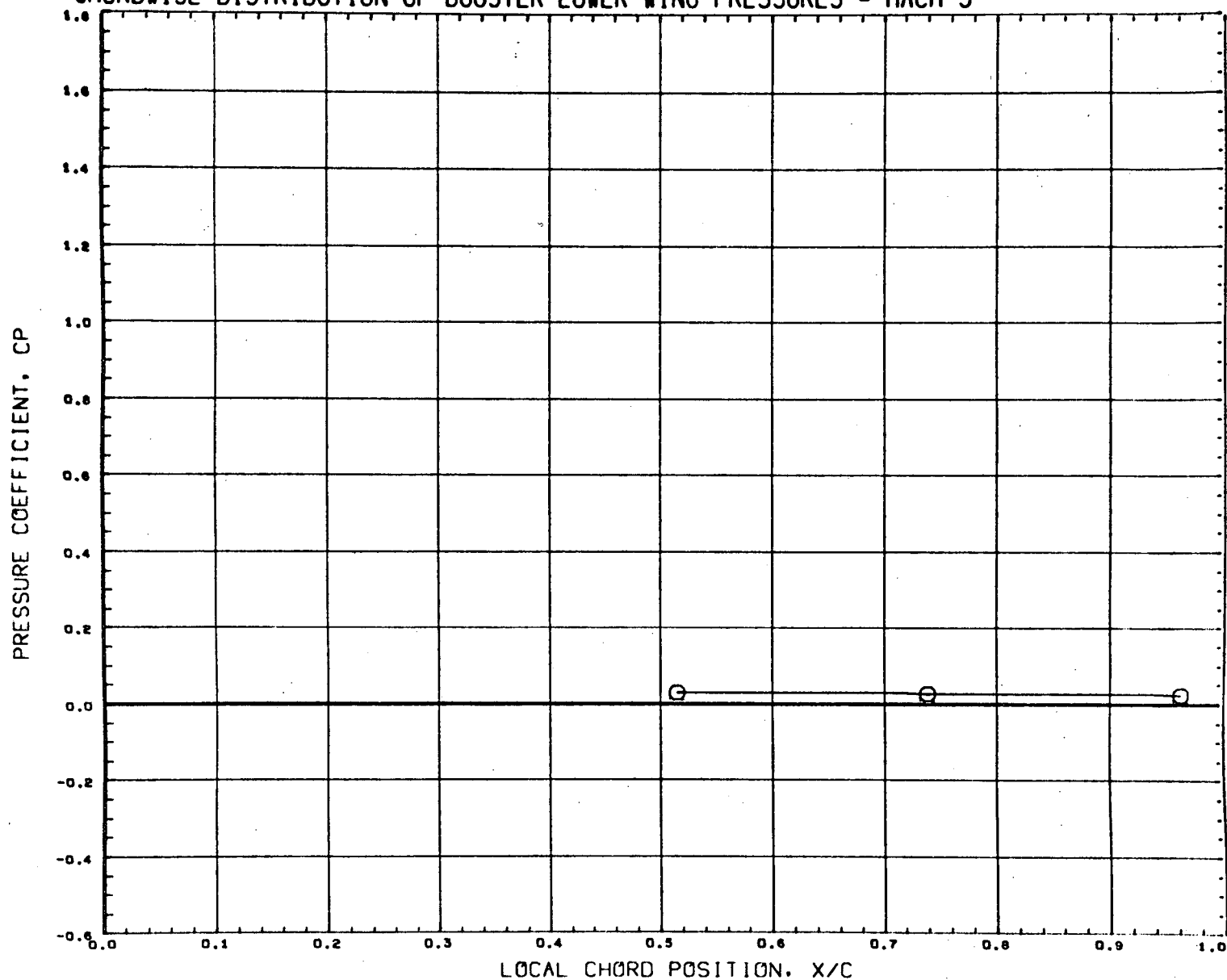
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8615•

PAGE 1338

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.221	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

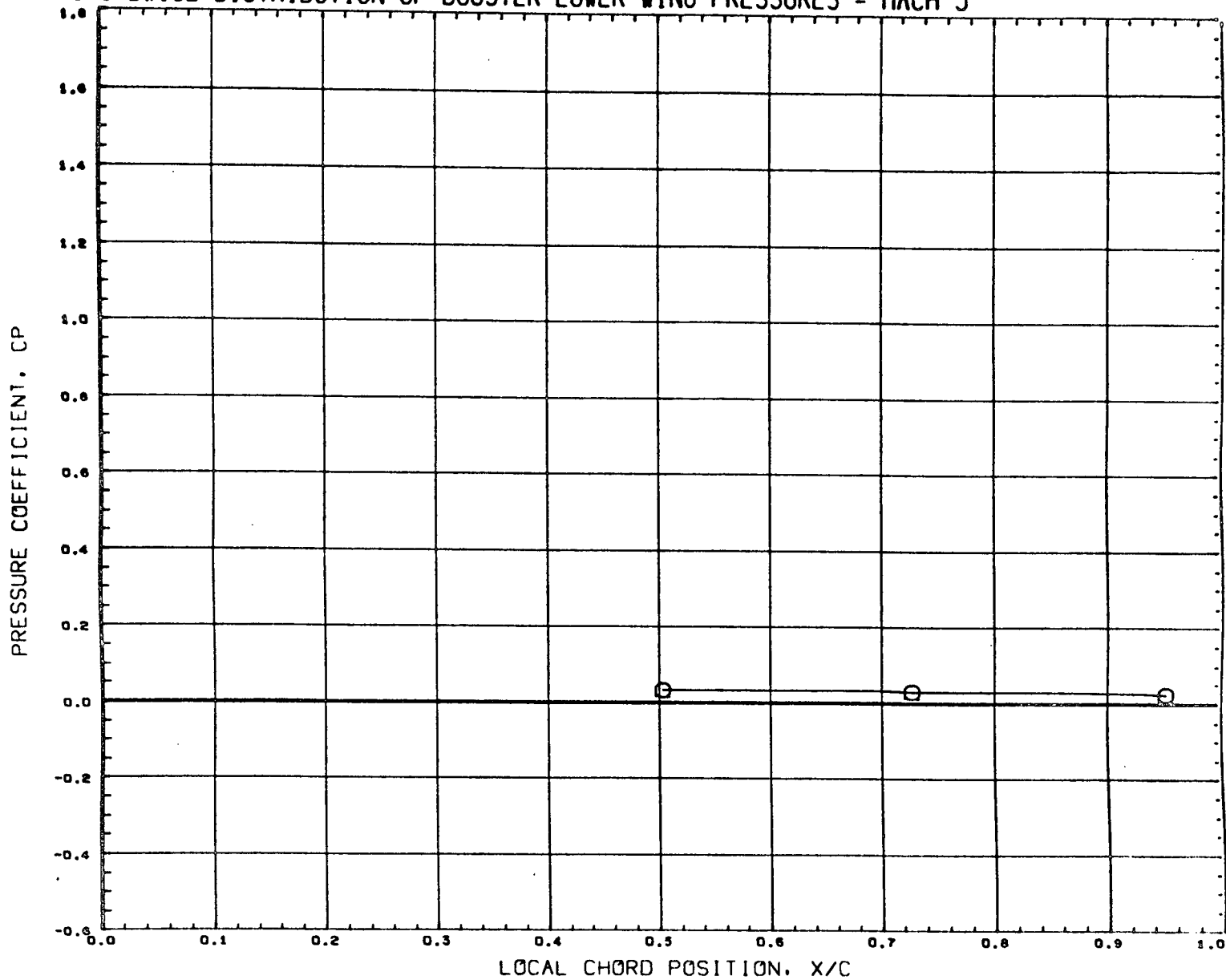
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8622•

PAGE 1339

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.359	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.900
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

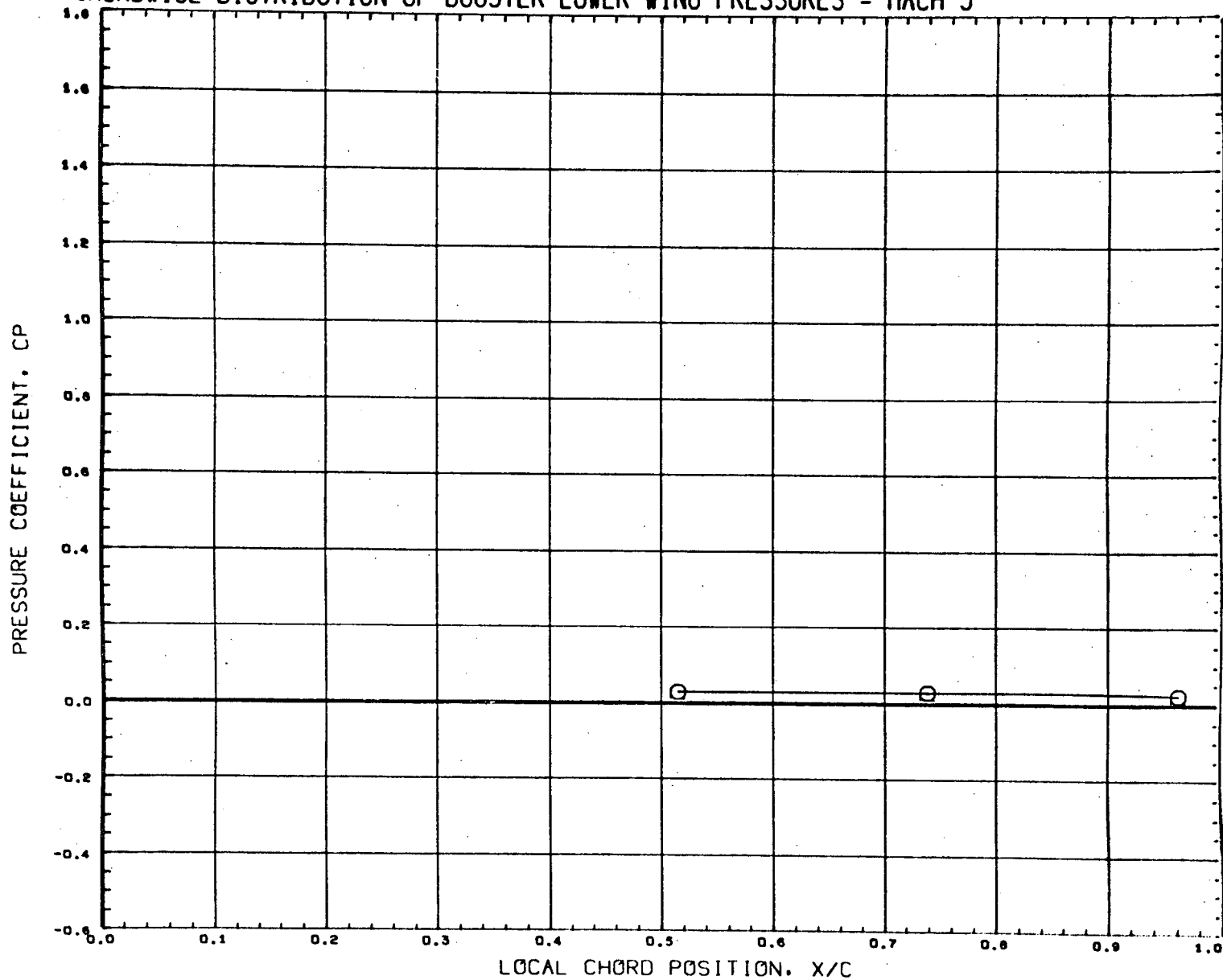
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8622•

PAGE 1340

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.103 0.221 0.151

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.906
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

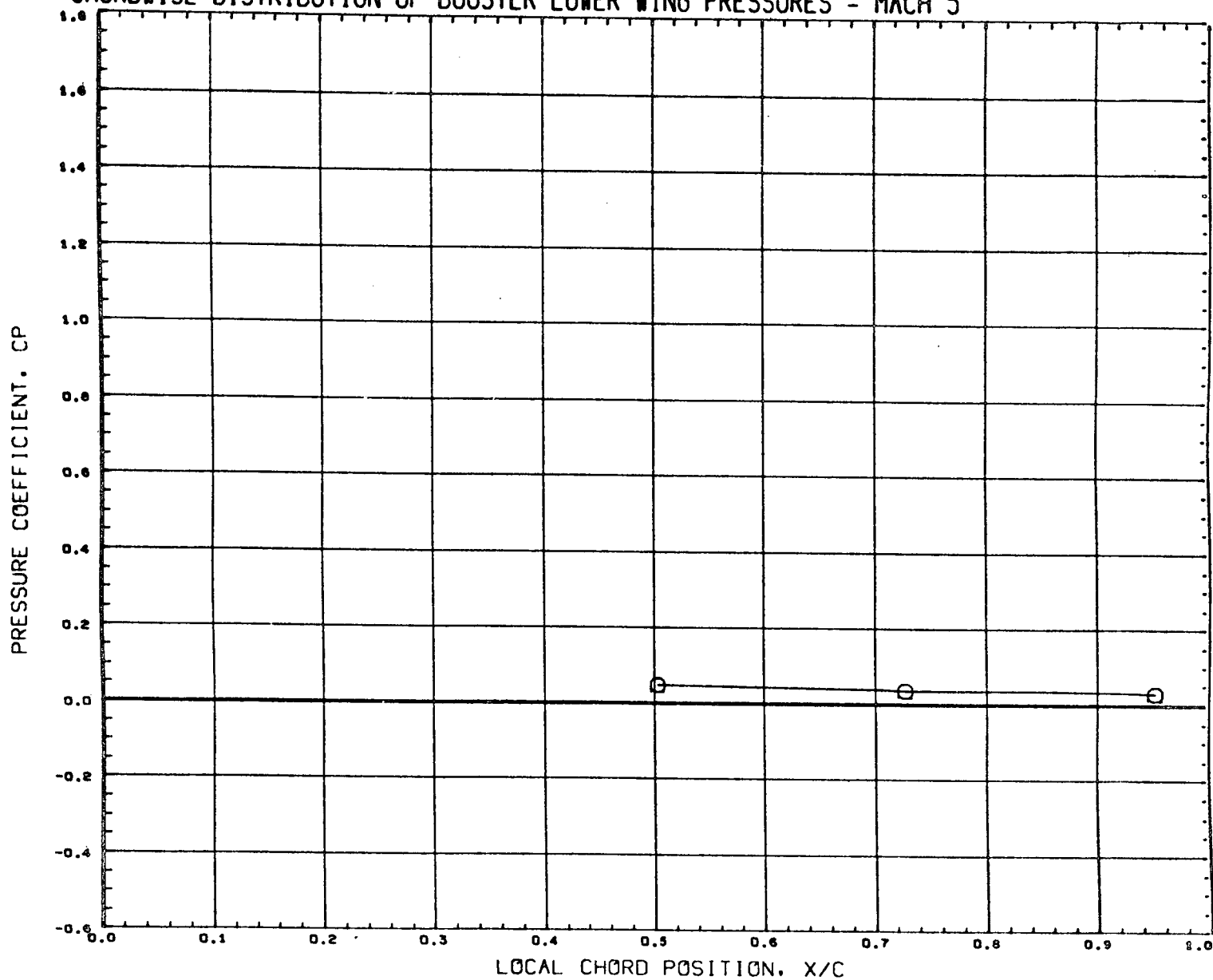
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8622•

PAGE 1341

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.103 0.359 0.151

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.906
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

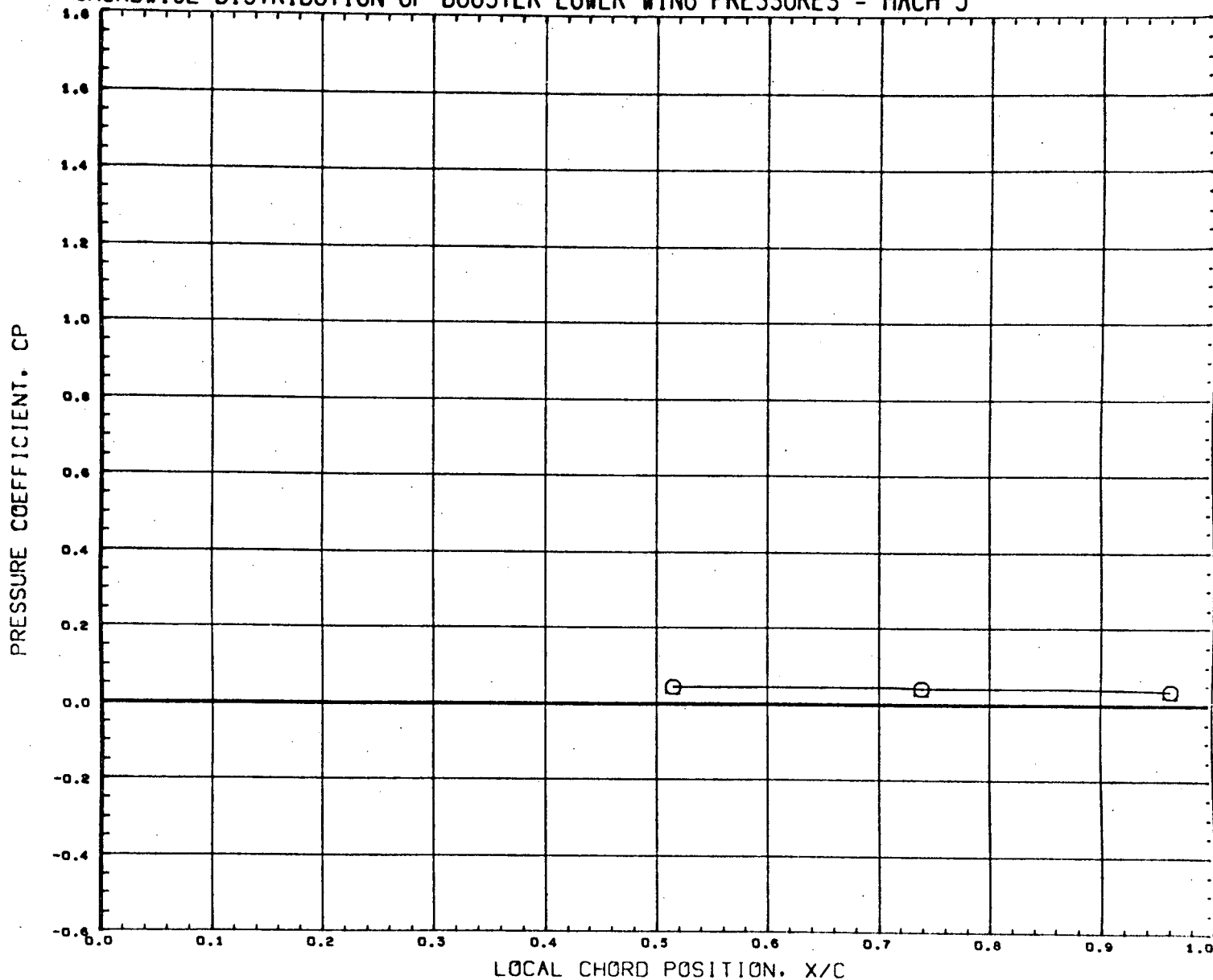
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8622•

PAGE 1342

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.320	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

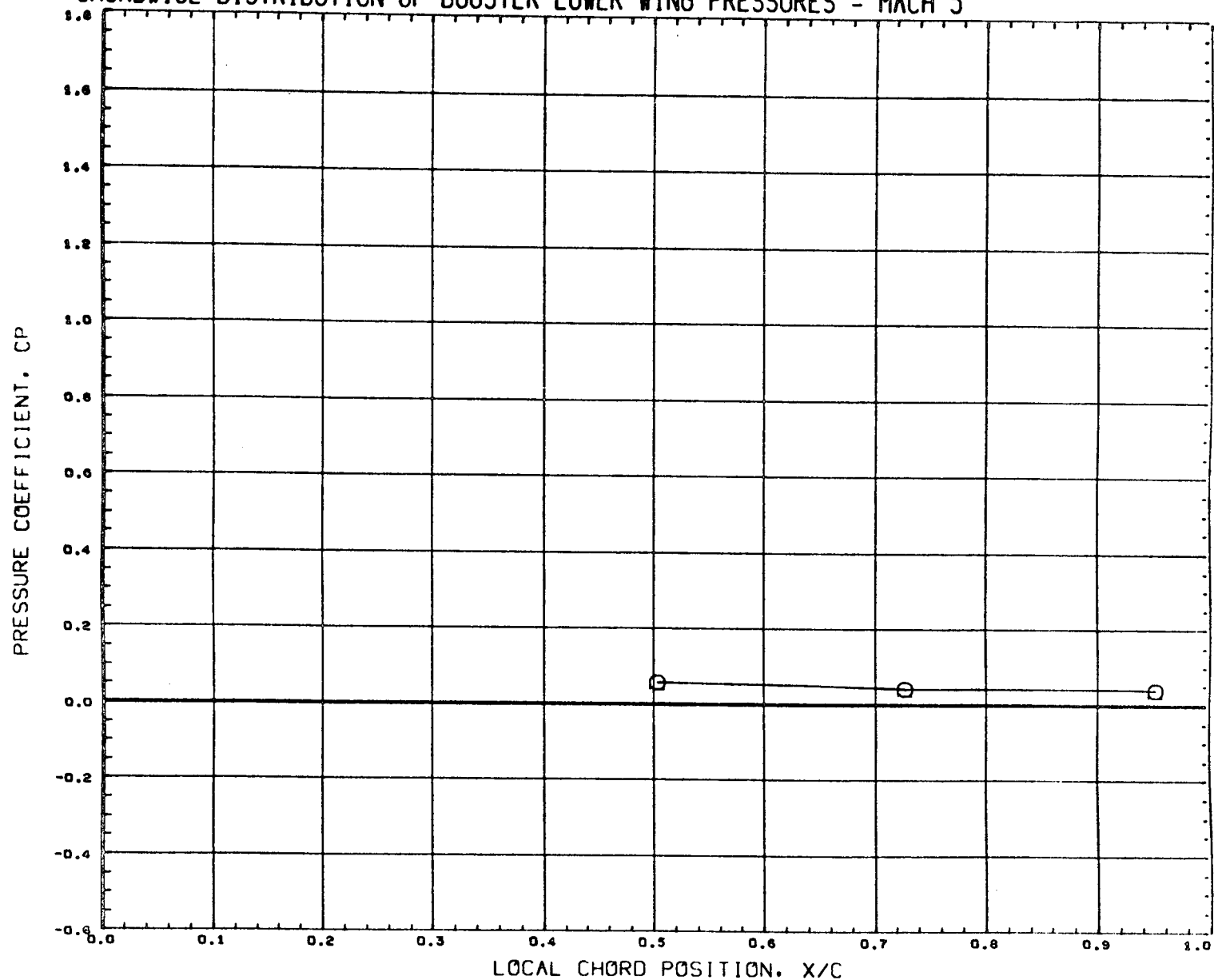
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8622•

PAGE 1343

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.359	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

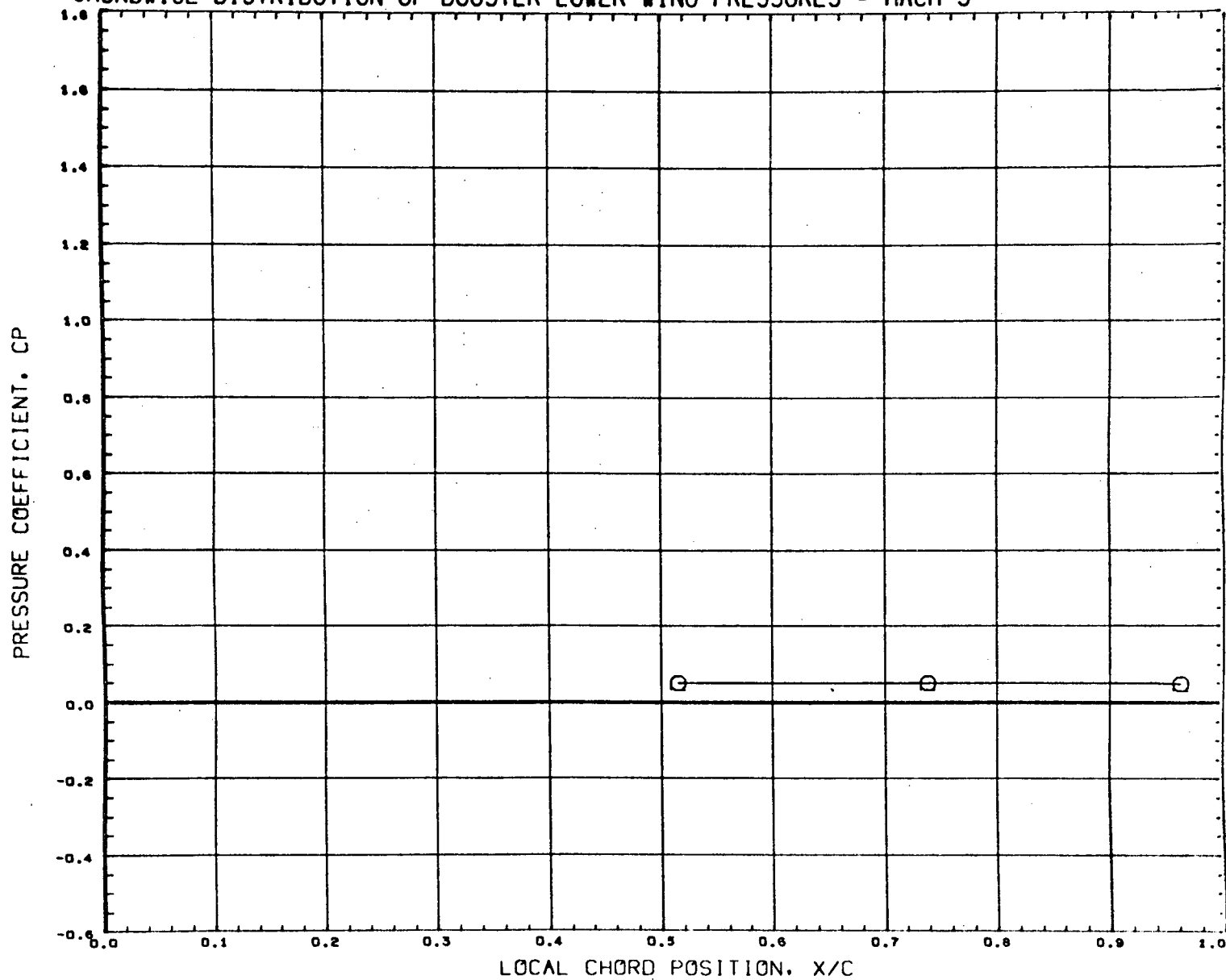
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8622•

PAGE 1344

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.221	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.050
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

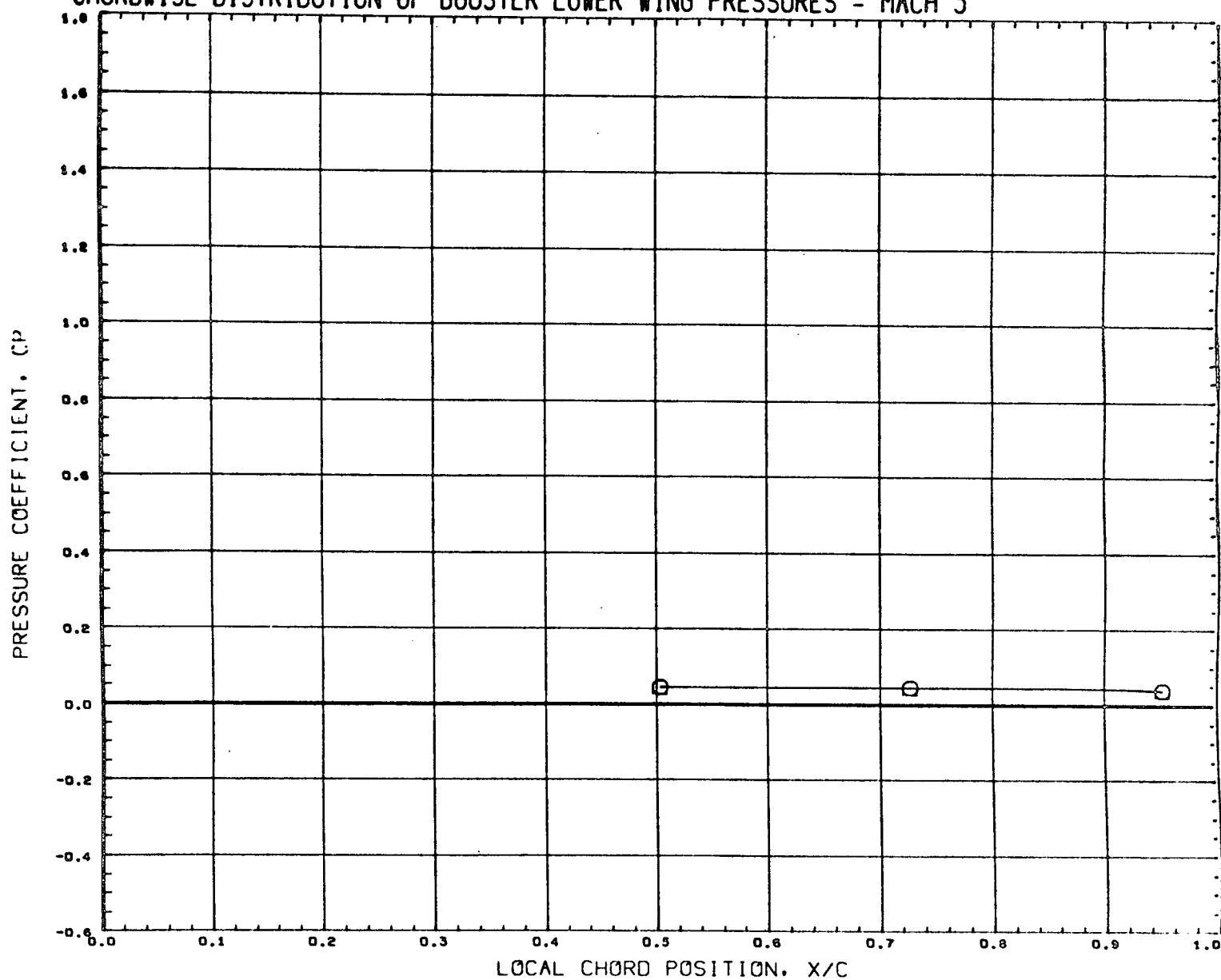
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8623•

PAGE 1345

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.103 0.359 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.090
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

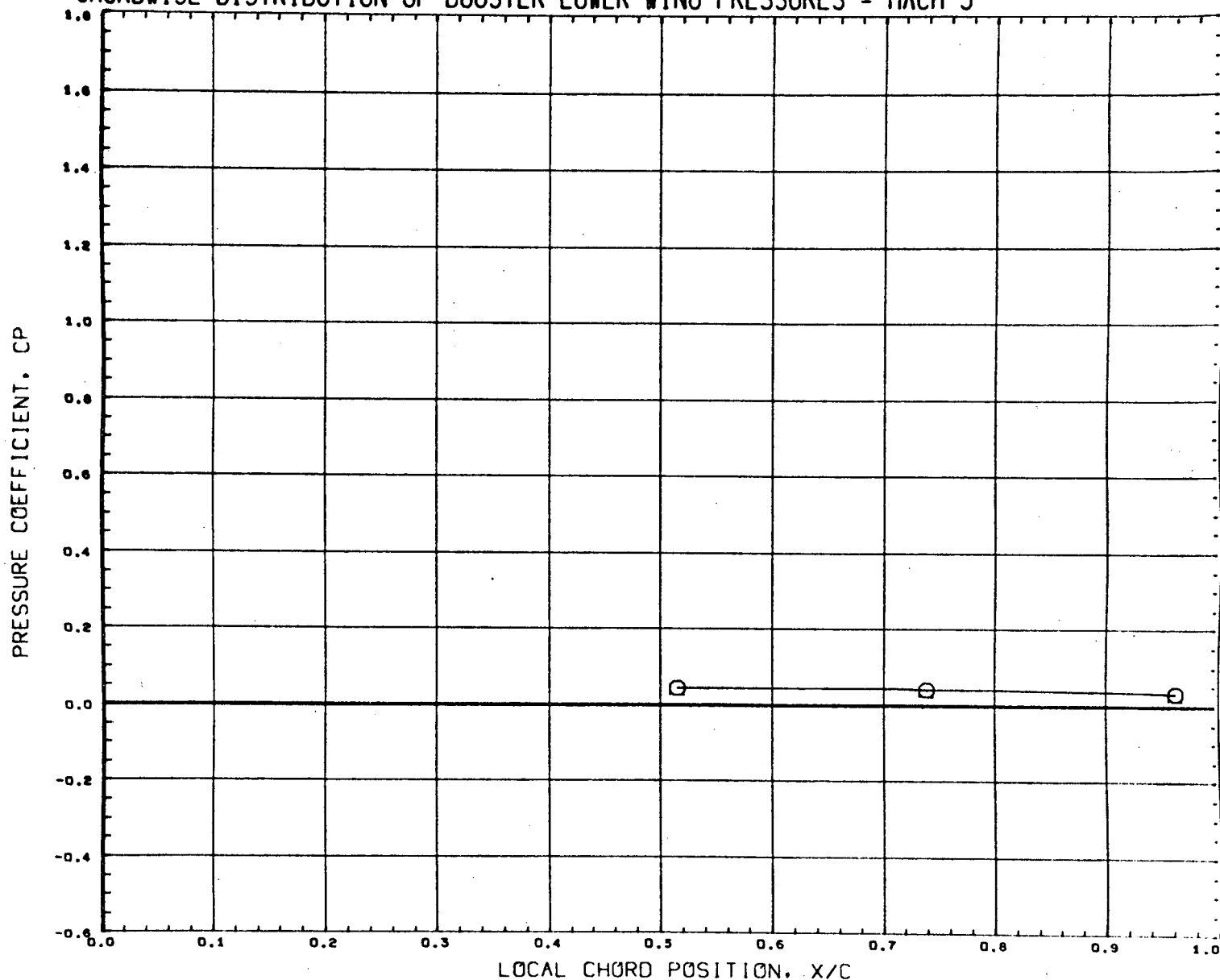
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8623•

PAGE 1346

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.221	0.151

PARAMETRIC VALUES			
BETA	0.000	ALPHA D	0.050
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

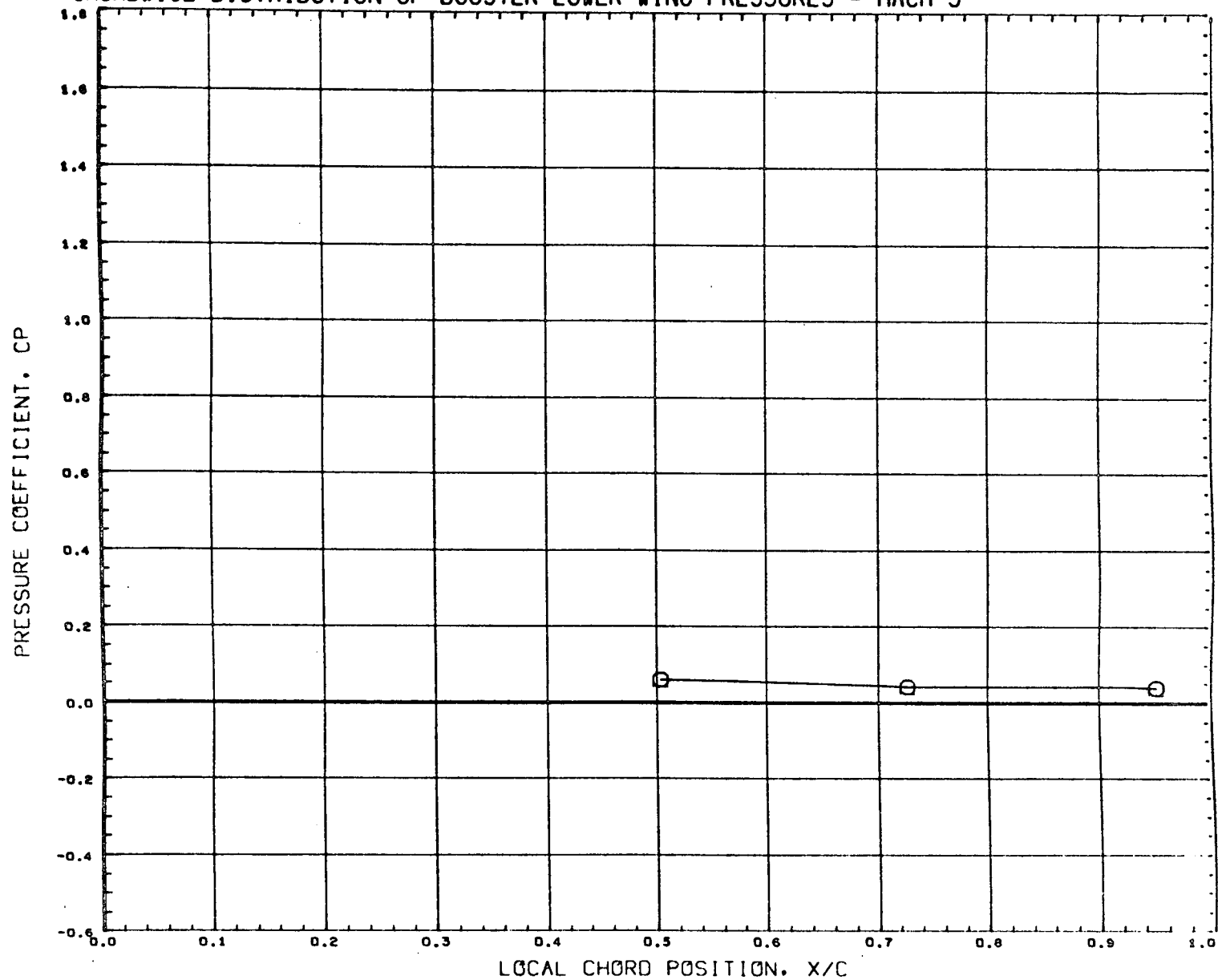
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8623•

PAGE 1347

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 () 0.103 0.359 0.151

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.090
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

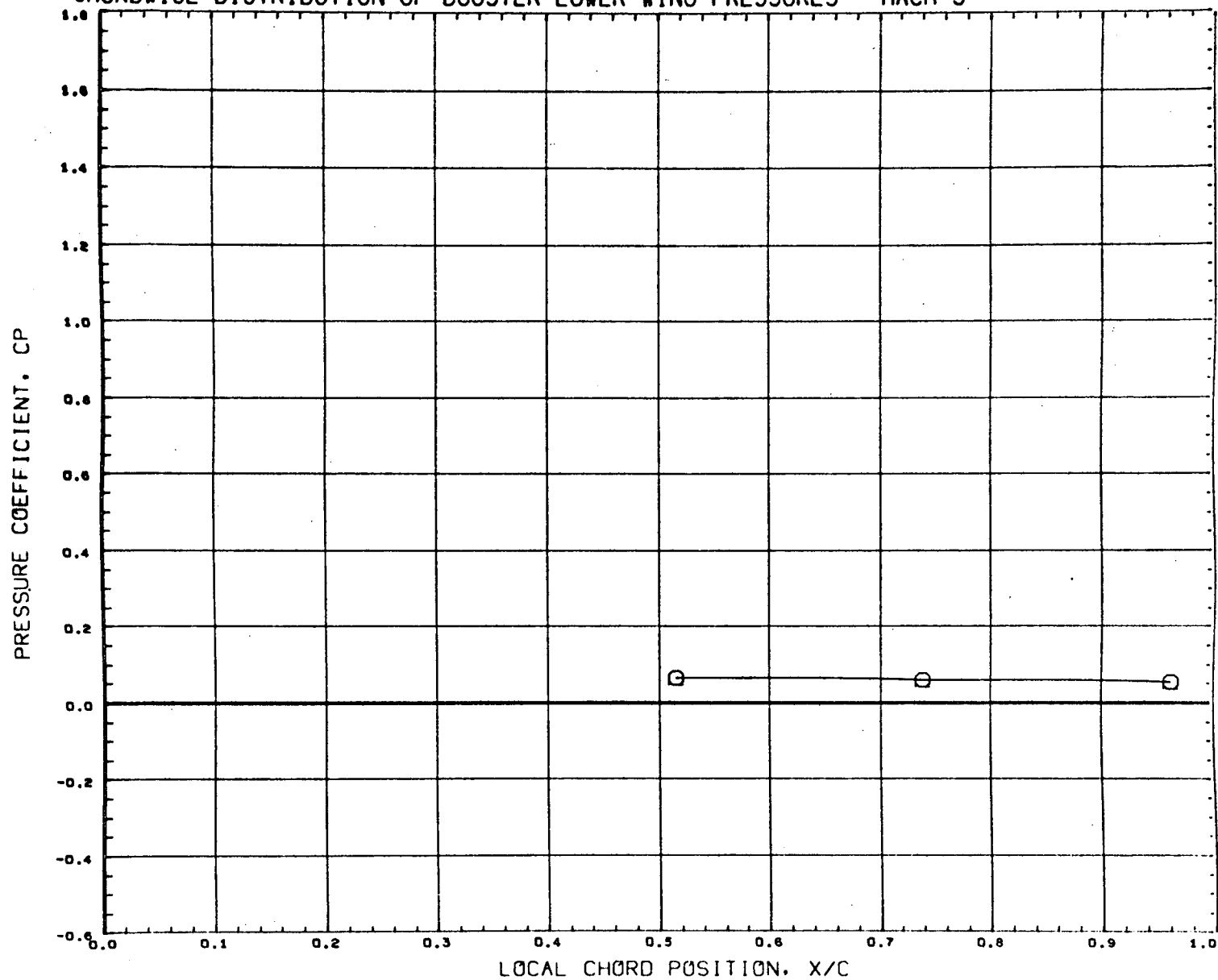
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8623•

PAGE 1348

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.221	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.050
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

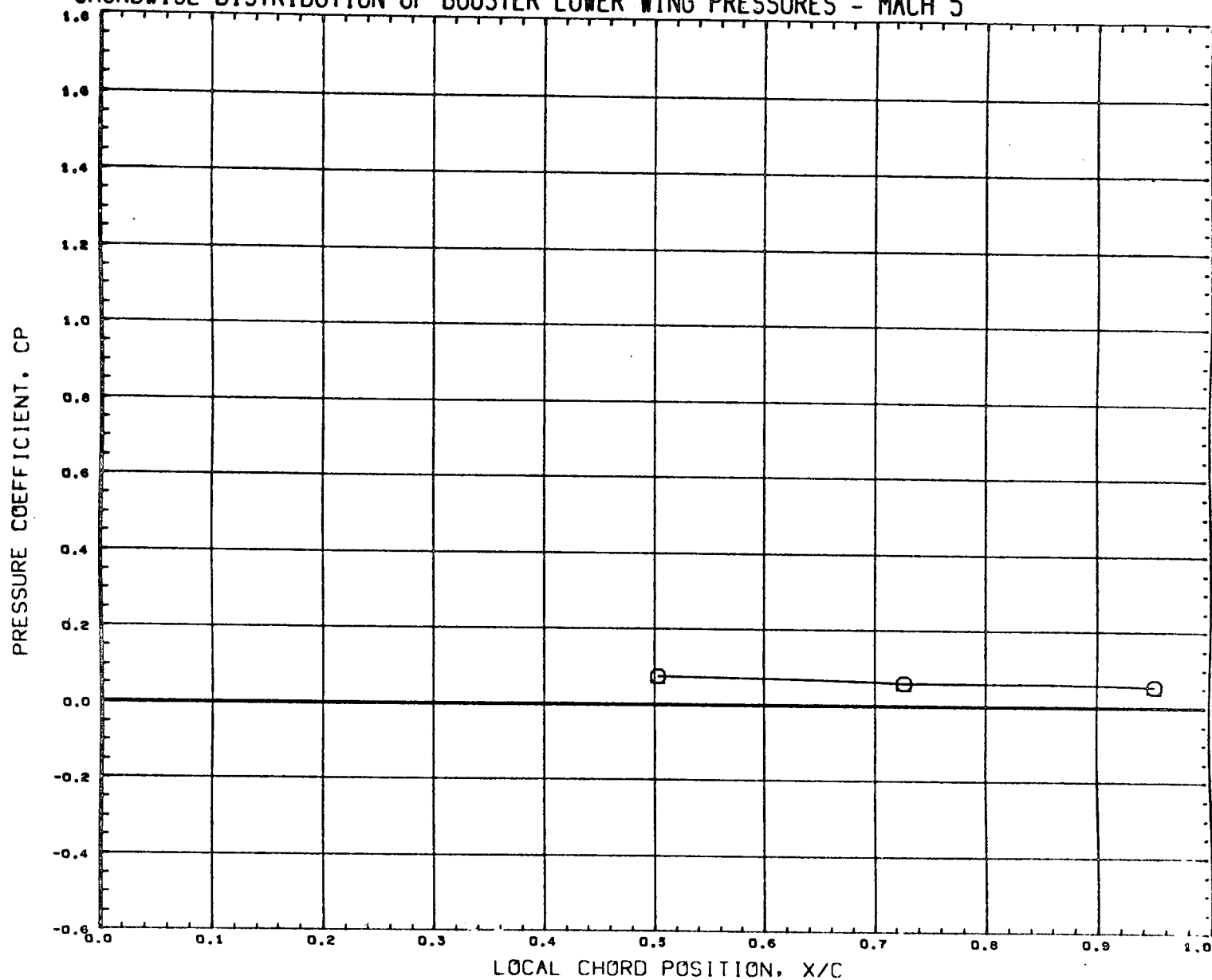
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8623•

PAGE 1349

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.359 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.050
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

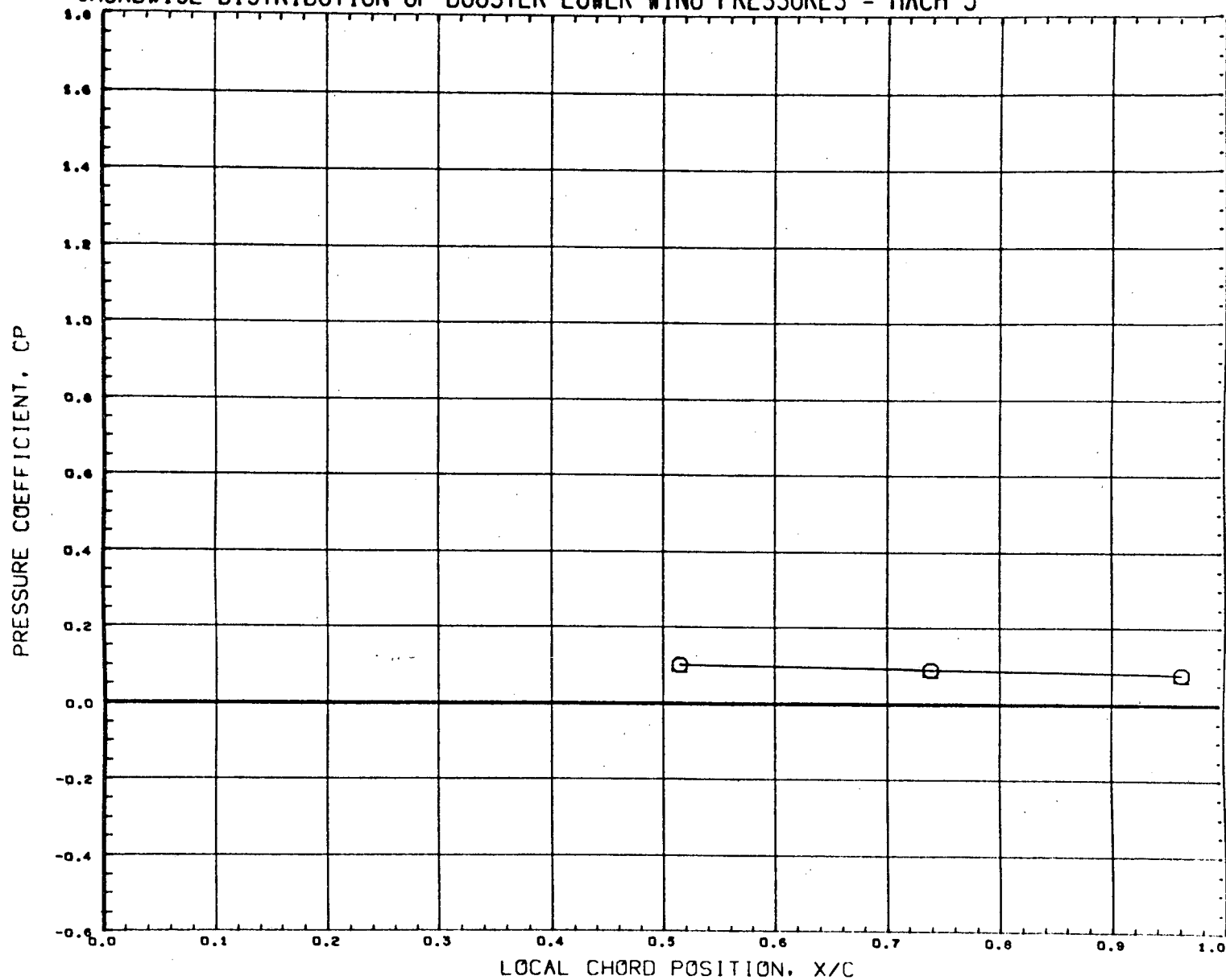
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8623•

PAGE 1350

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.221	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA ₀	5.026
MACH	4.970	ALPHA ₁	0.000
ORBPOW	0.000	BSTPOW	0.000

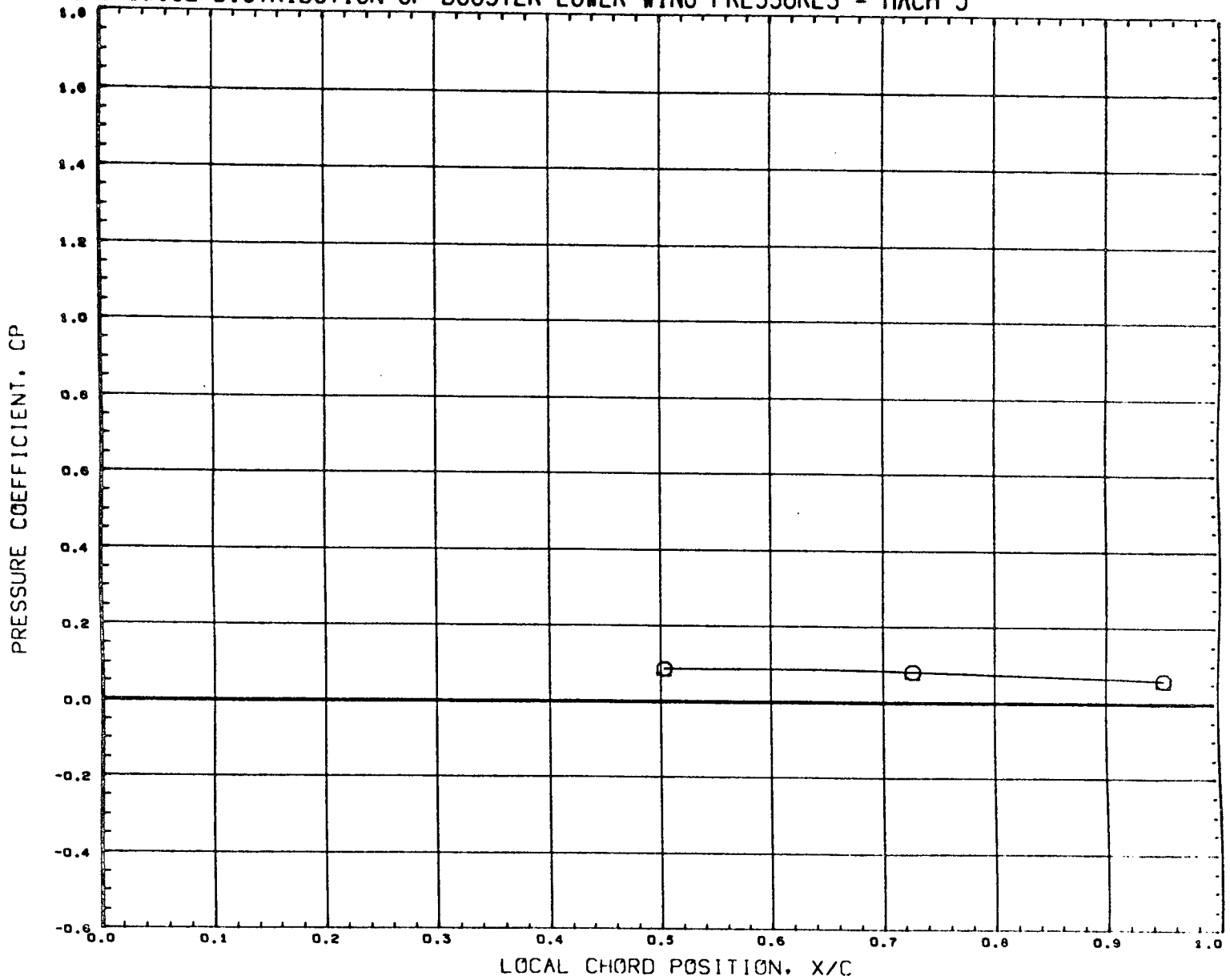
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8624•

PAGE 1351

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.359	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA2	5.026
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

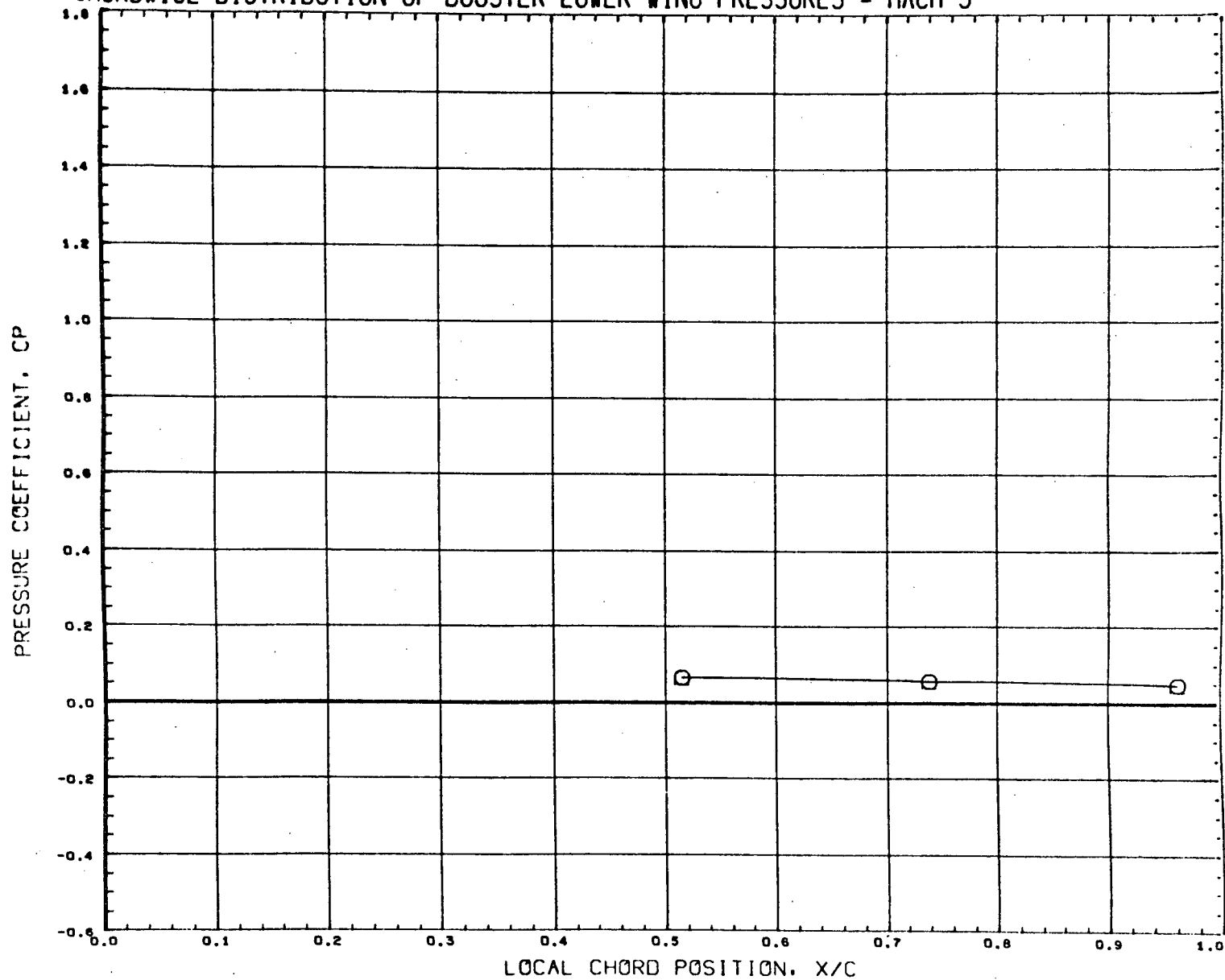
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8624•

PAGE 1352

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.221	0.151

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.026
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

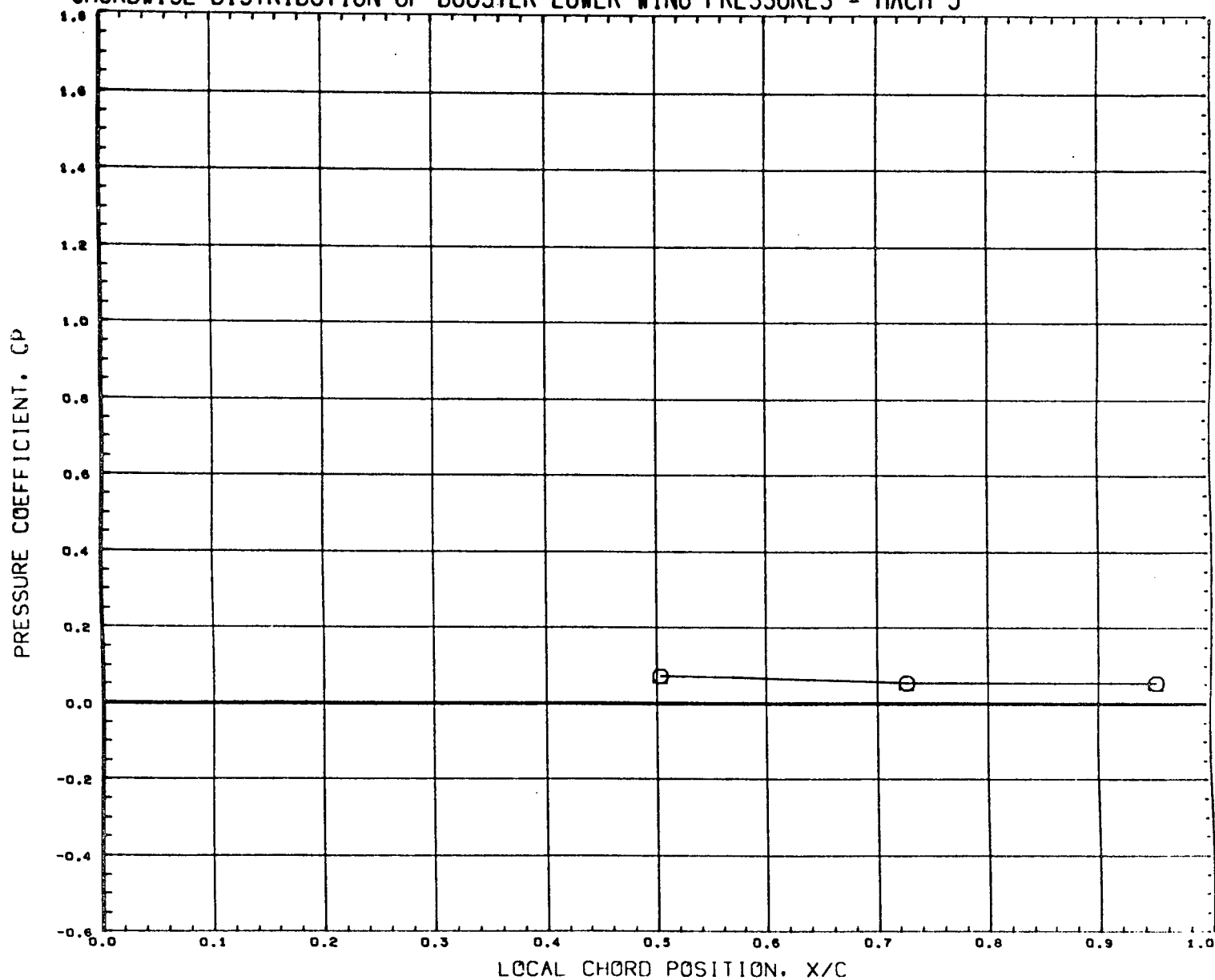
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8624•

PAGE 1353

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
() 0.103 0.339 0.151

PARAMETRIC VALUES
BETA 0.000 ALPHAB 9.026
MACH 4.970 ALPHAI 0.000
ORBPOW 0.000 BSTPOW 0.000

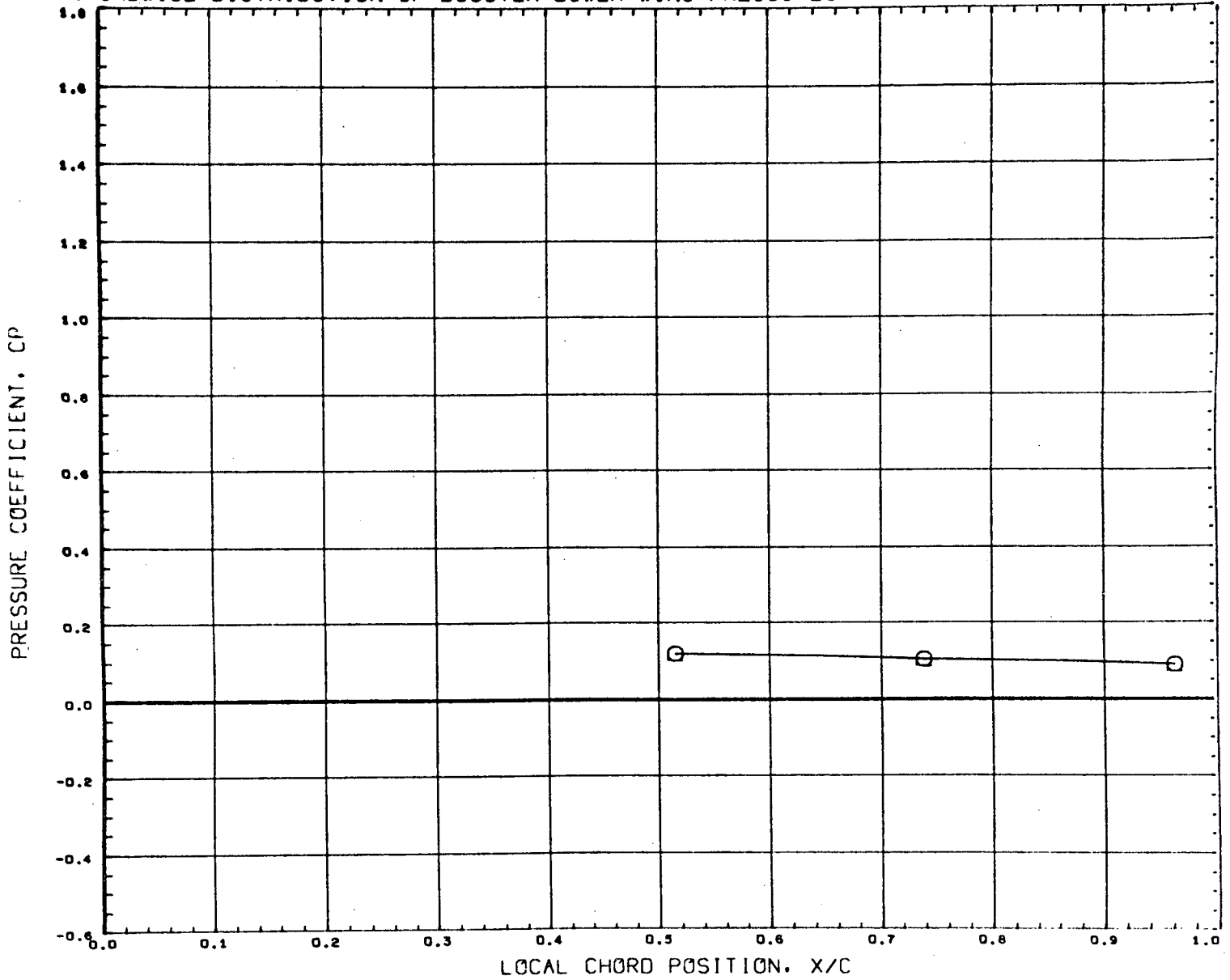
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8624•

PAGE 1354

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.920 Y/B 0.221 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.026
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

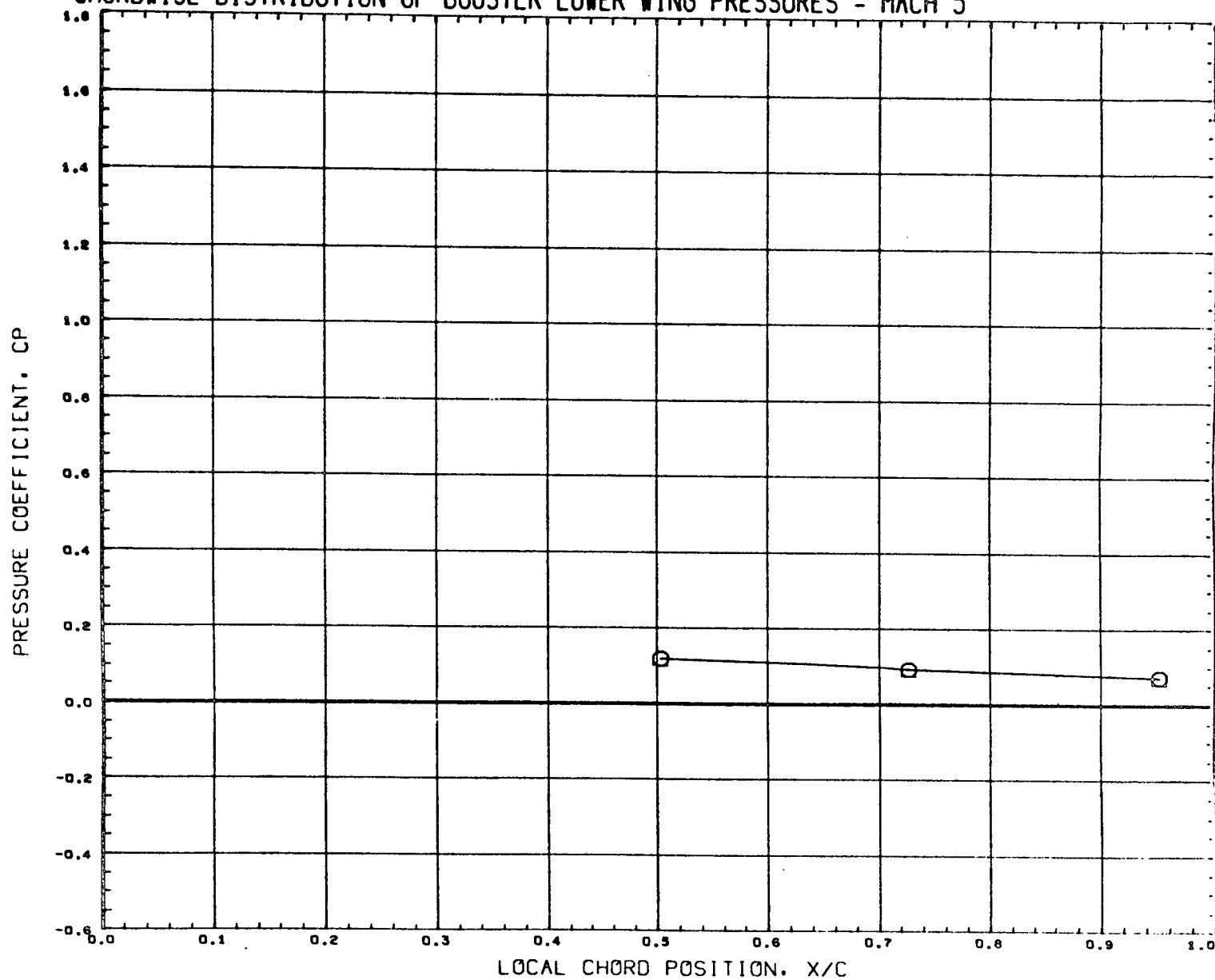
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8624•

PAGE 1355

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.359	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.026
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

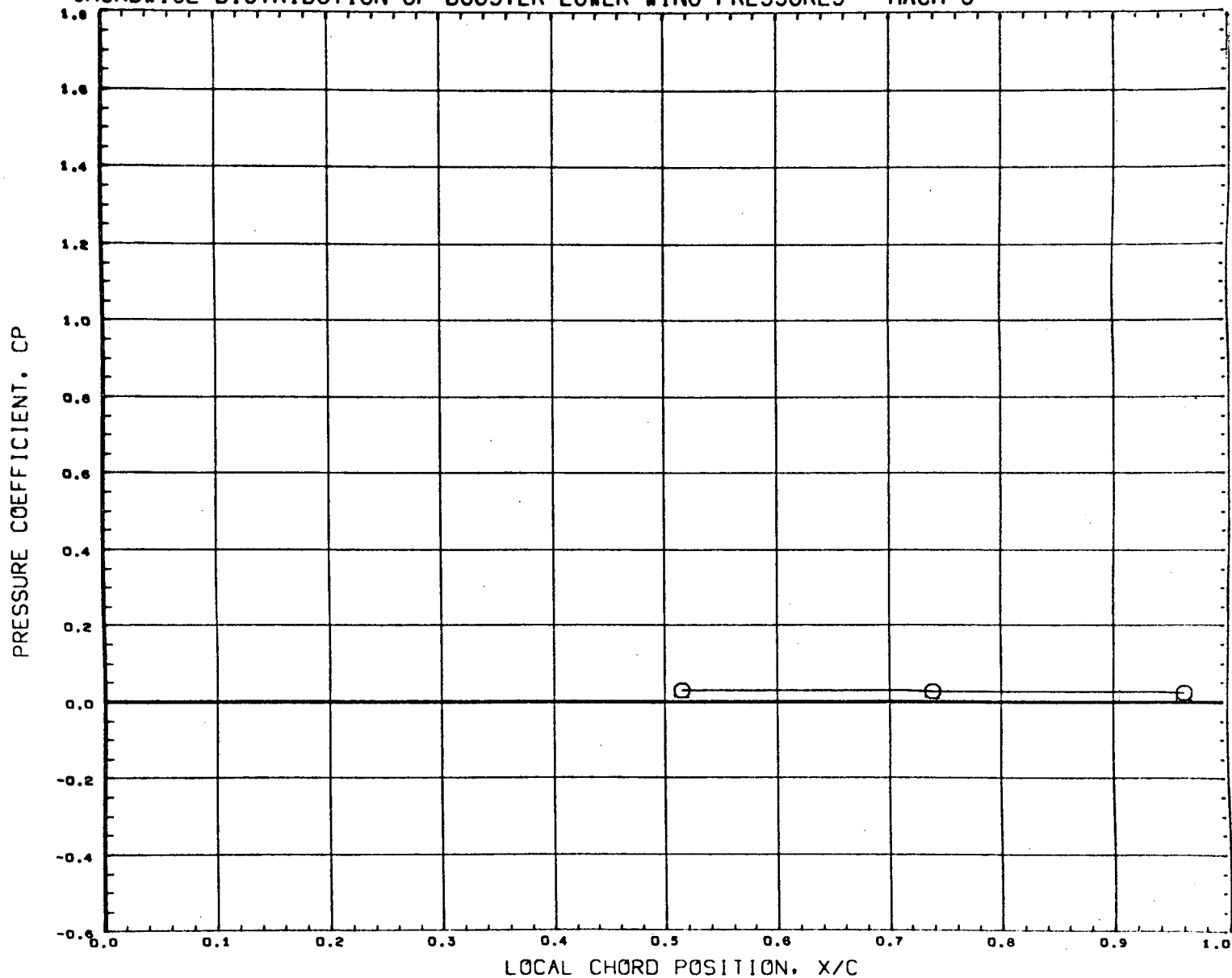
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8624•

PAGE 1356

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.103 0.221 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHA0 - 4.940
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

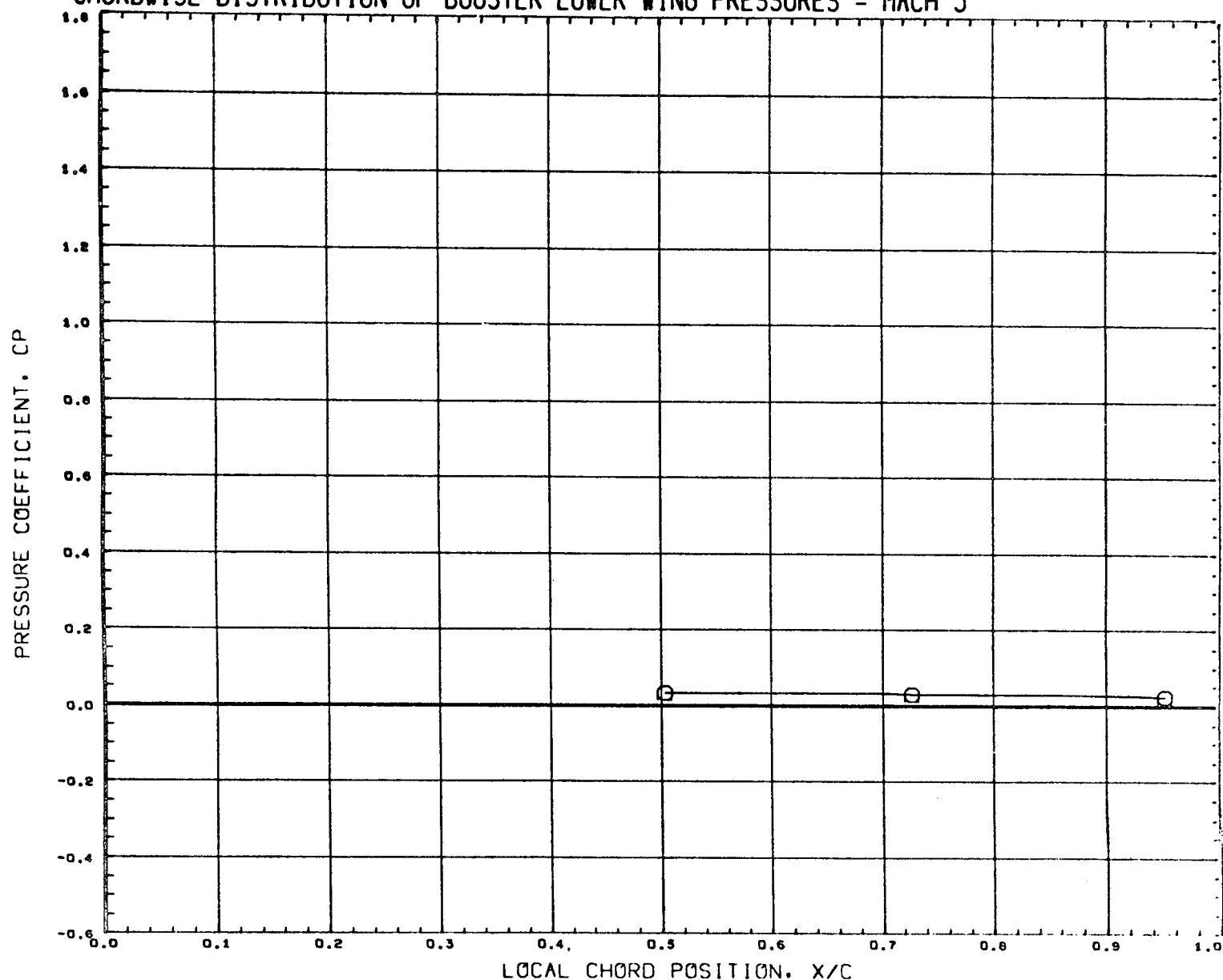
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8632•

PAGE 1357

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/D	DELTA Z
()	0.103	0.359	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.940
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

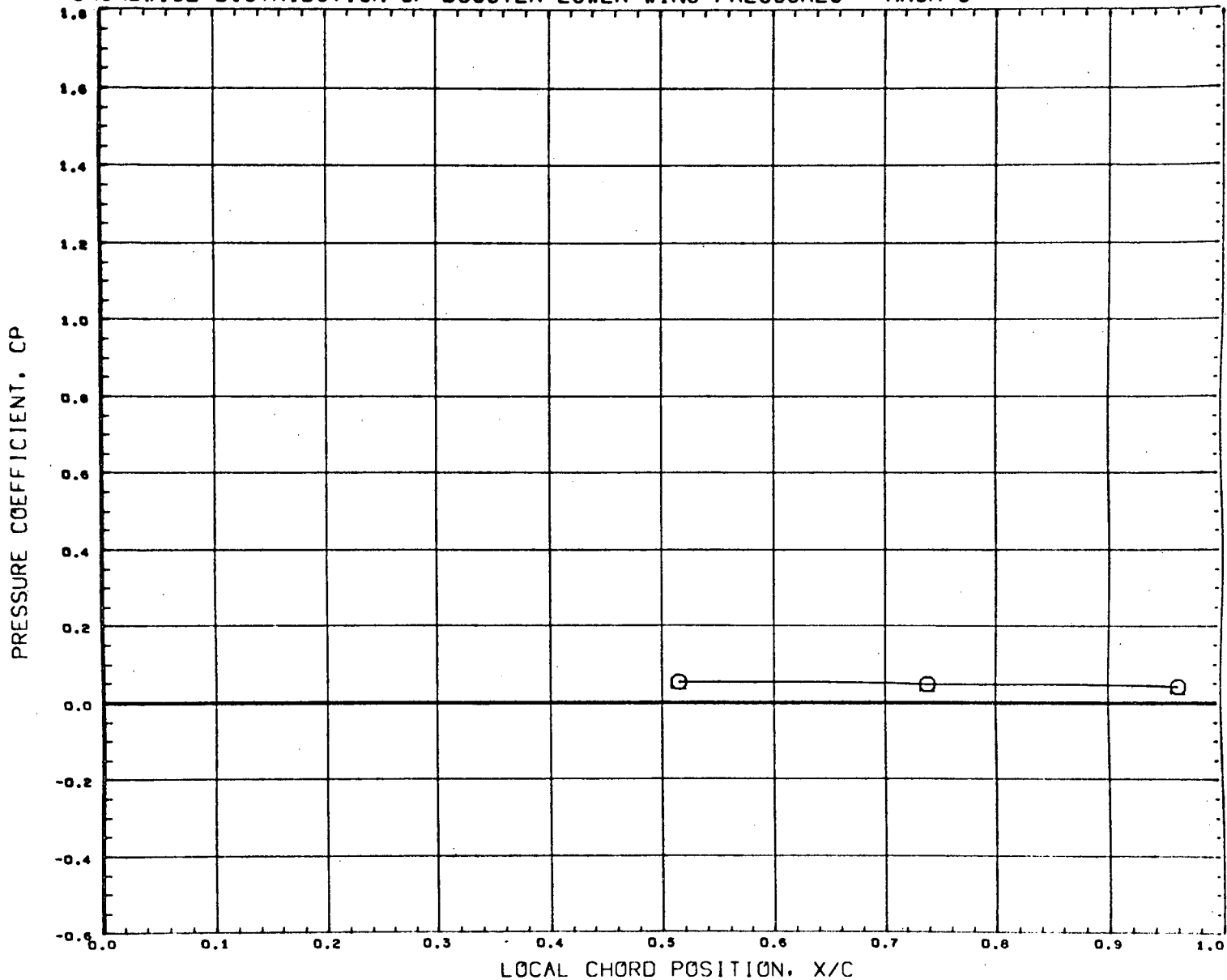
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8632•

PAGE 1358

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.221	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.020
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

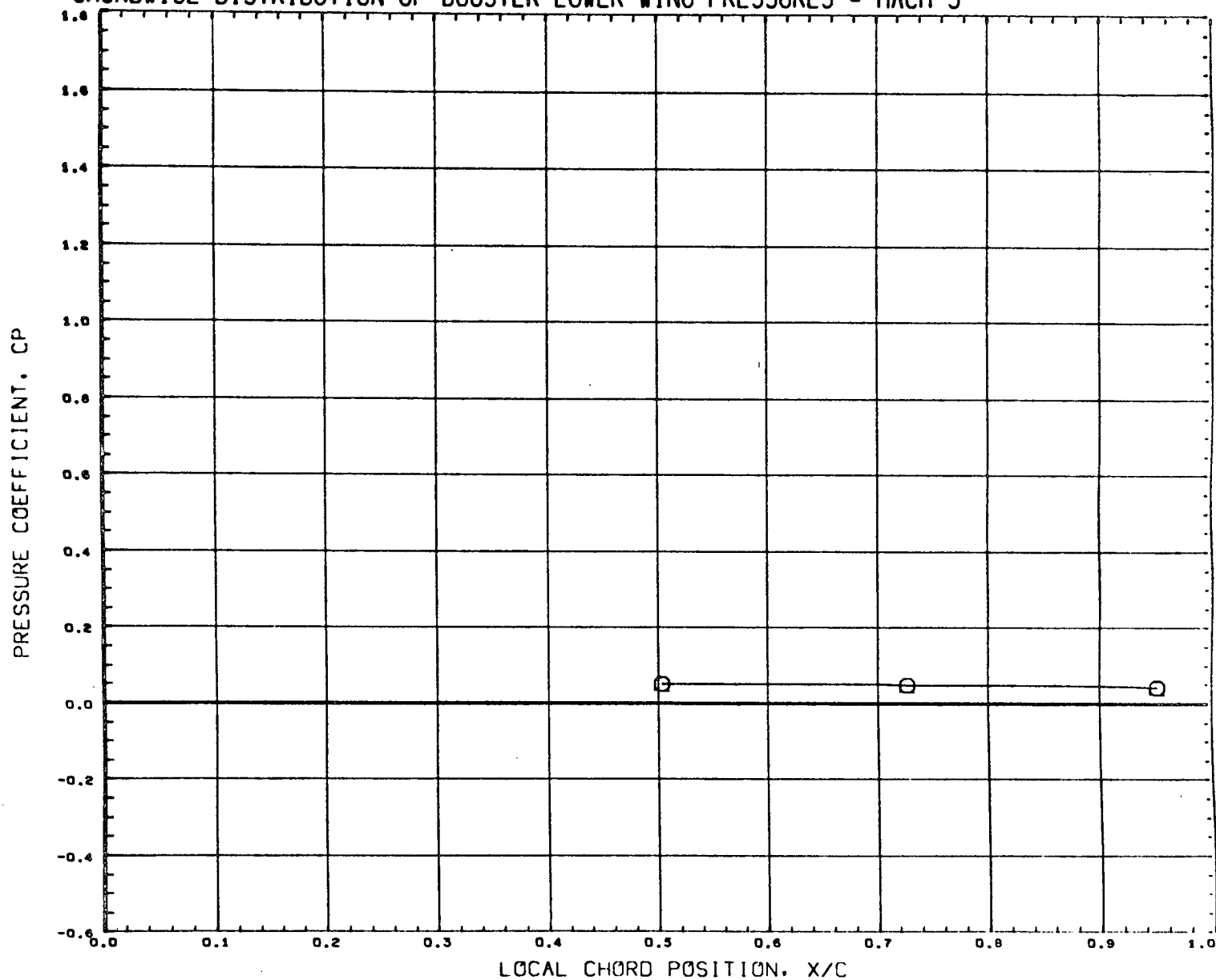
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8633•

PAGE 1359

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.359	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.020
MACH	4.970	ALPHA I	0.000
GRBPOW	0.000	BSTPOW	0.000

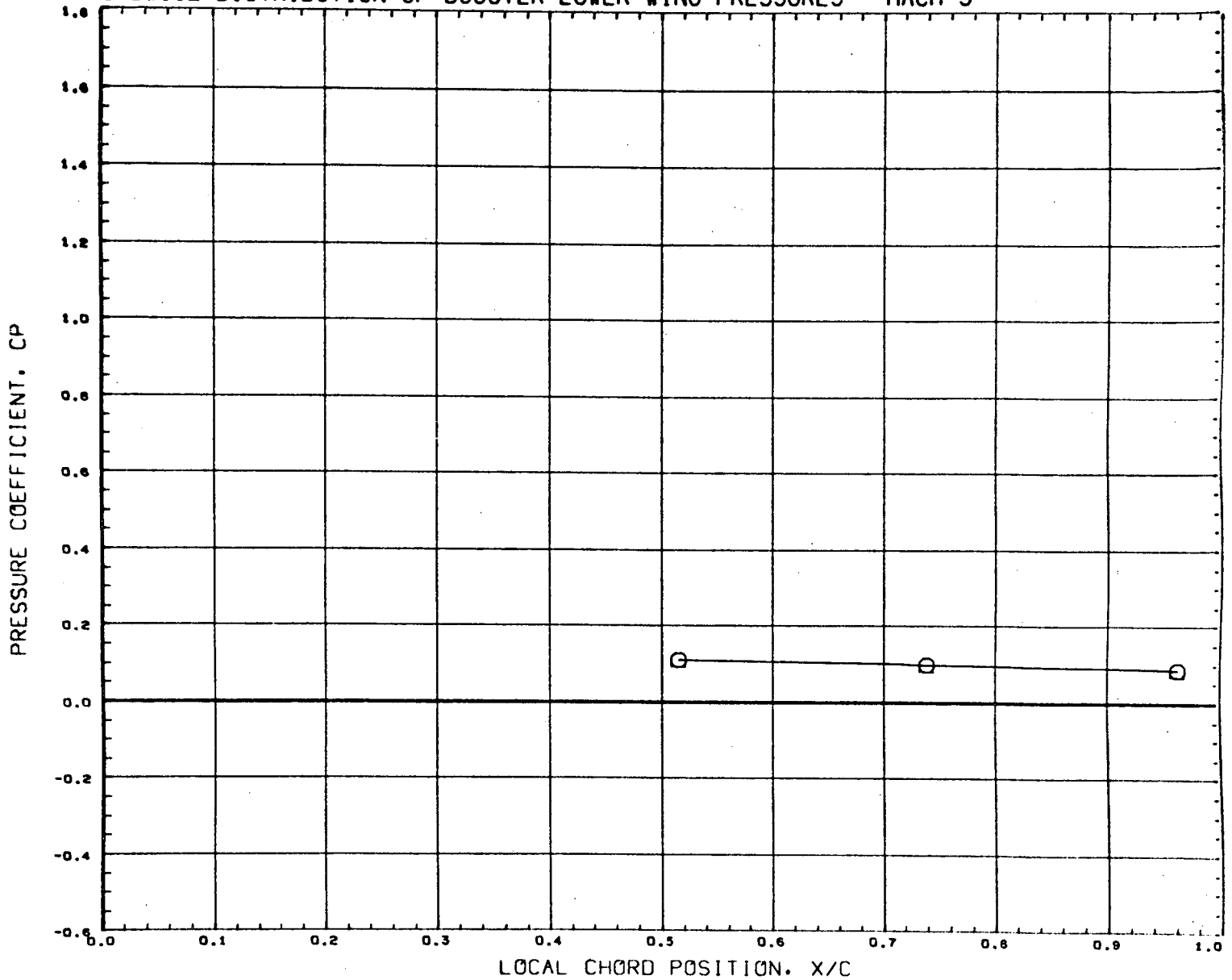
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8633•

PAGE 1360

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.221	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

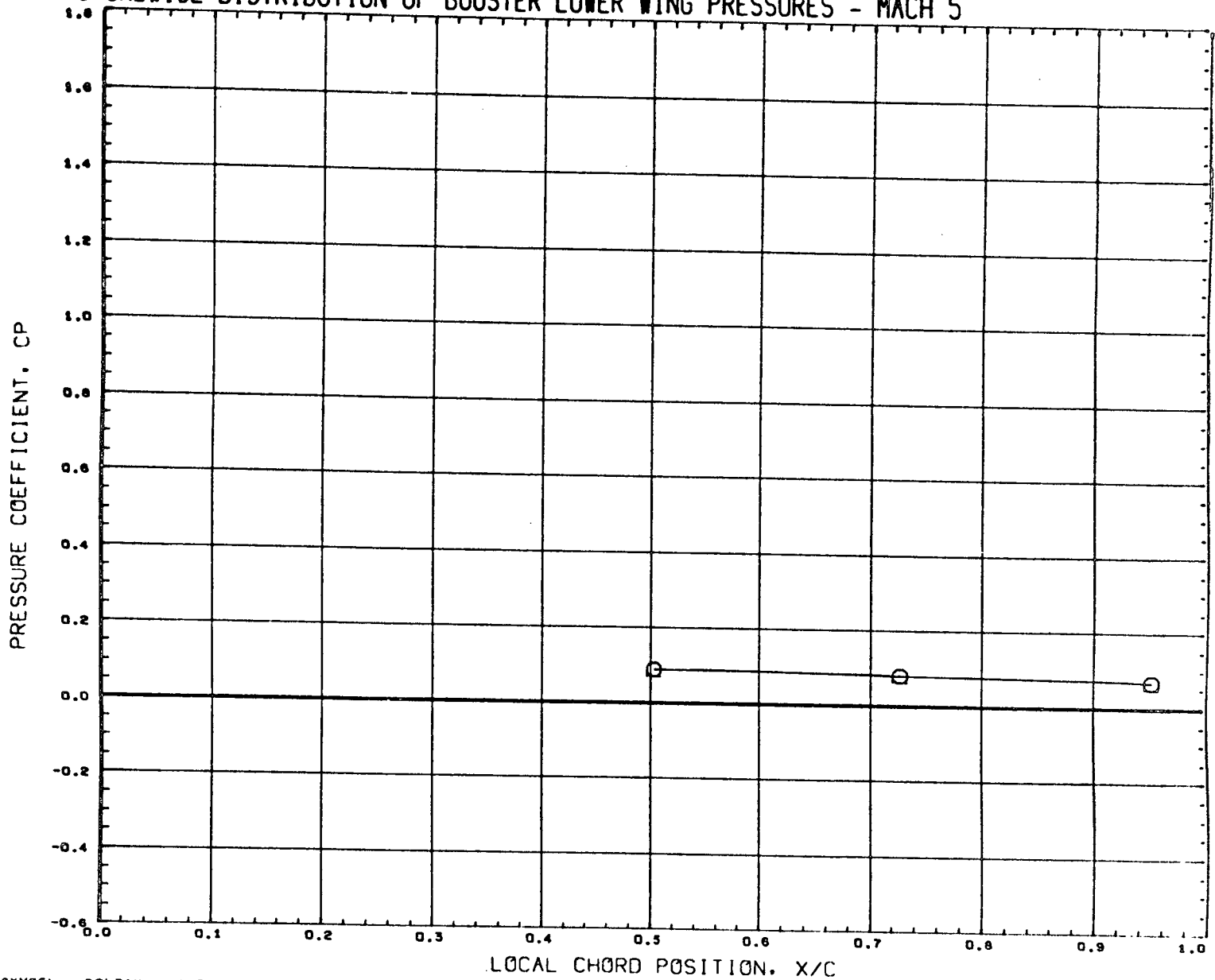
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8634•

PAGE 1361

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL \square DELTAX 0.103 Y/B 0.359 DELTAZ 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 4.993
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

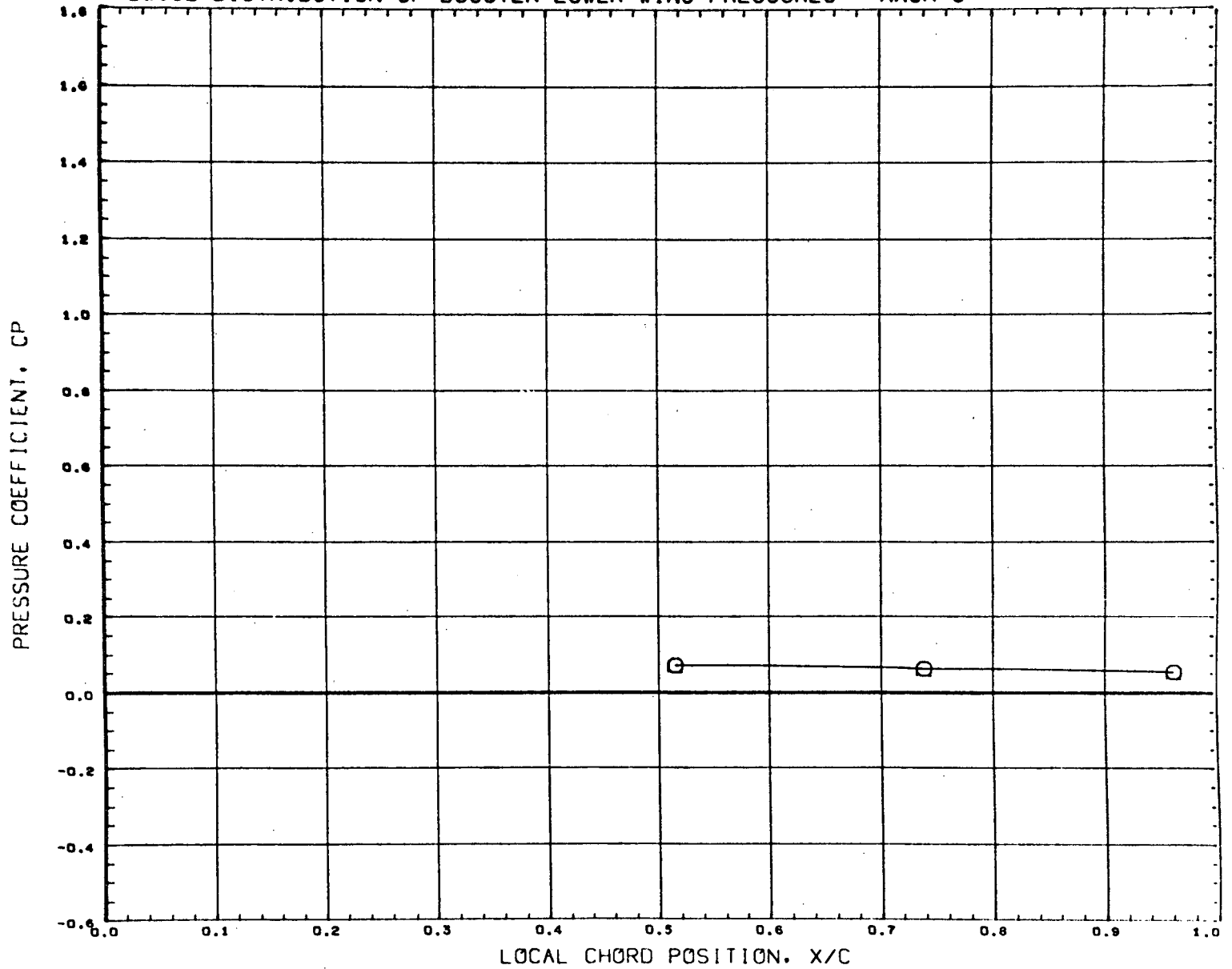
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8634•

PAGE 1362

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.103	0.221	0.151

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.995
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

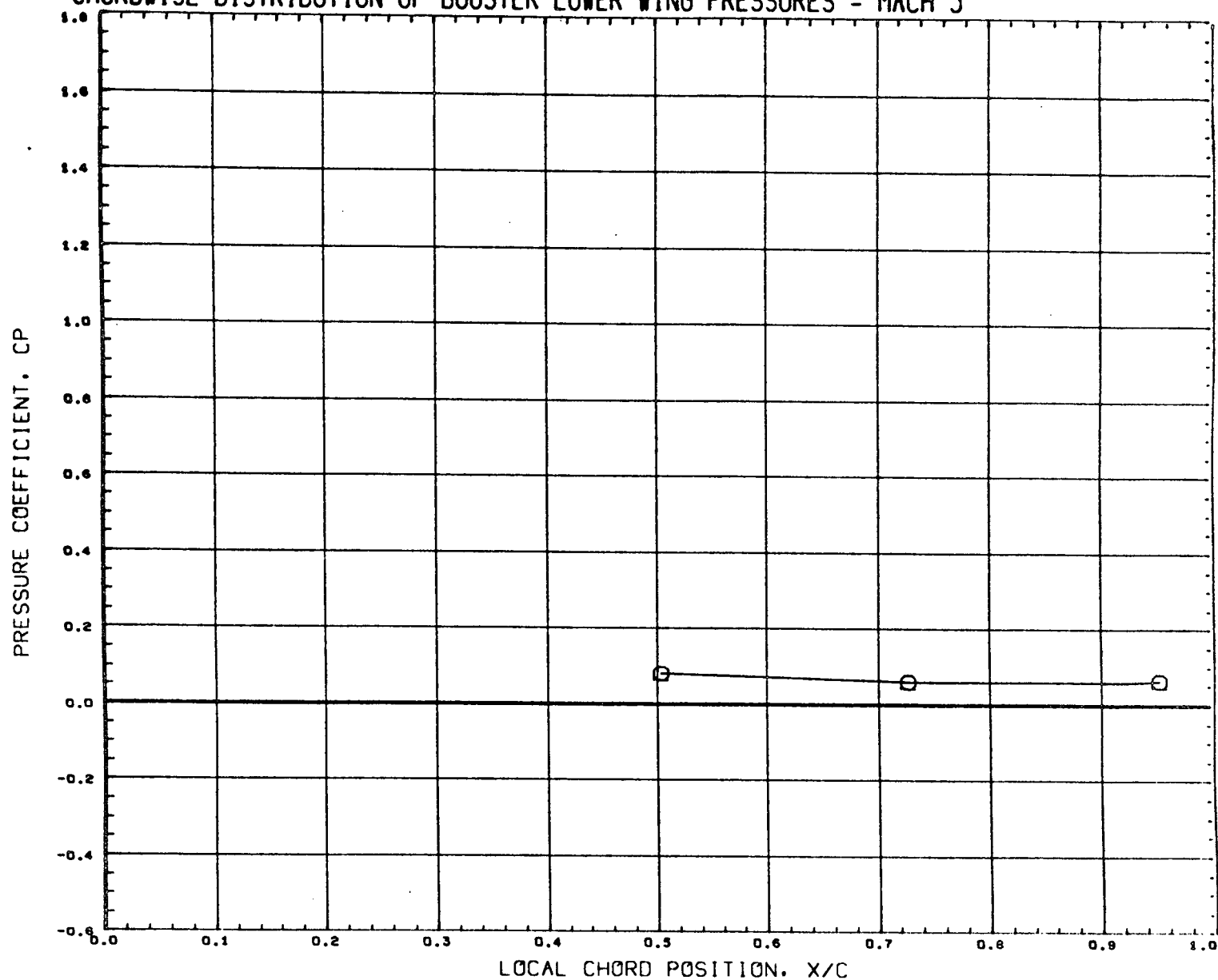
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8634•

PAGE 1363

CHORDWISE DISTRIBUTION OF BOOSTER LOWER WING PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.103 0.359 0.151

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 4.995
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

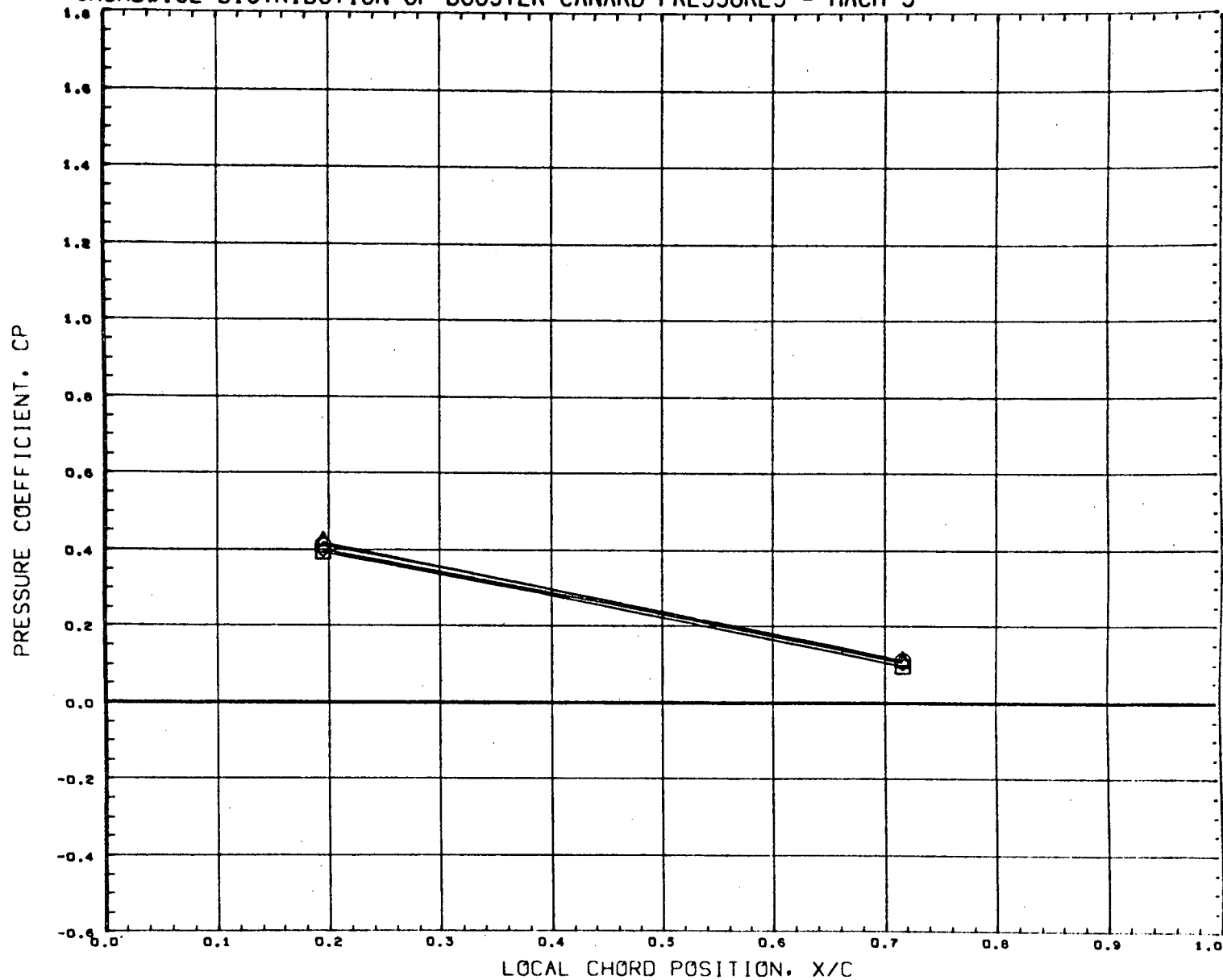
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (LOWER WING)

•CT8634•

PAGE 1364

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.363	0.114
△	0.103		
◇	0.163		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

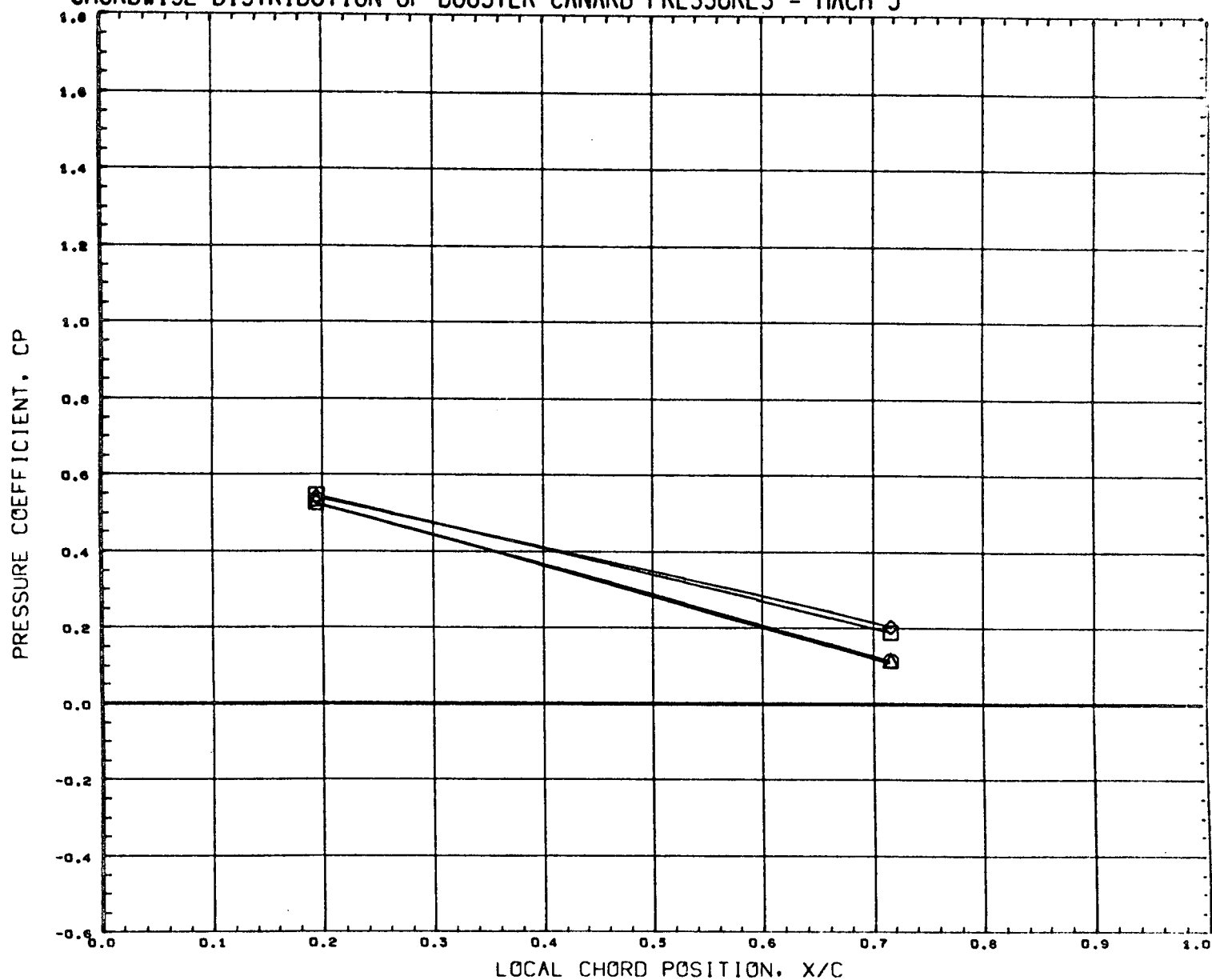
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8511•

PAGE 1365

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

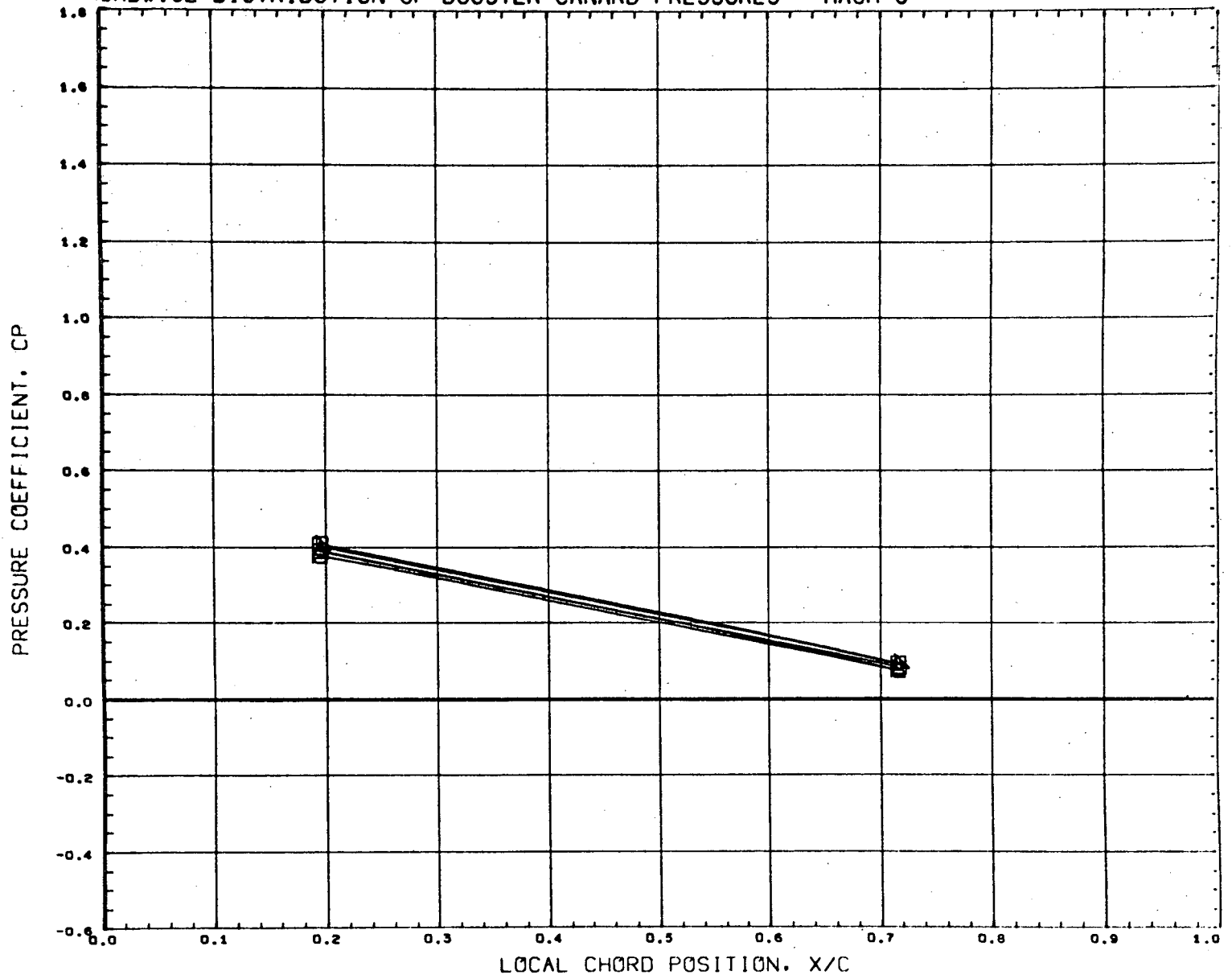
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8511•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

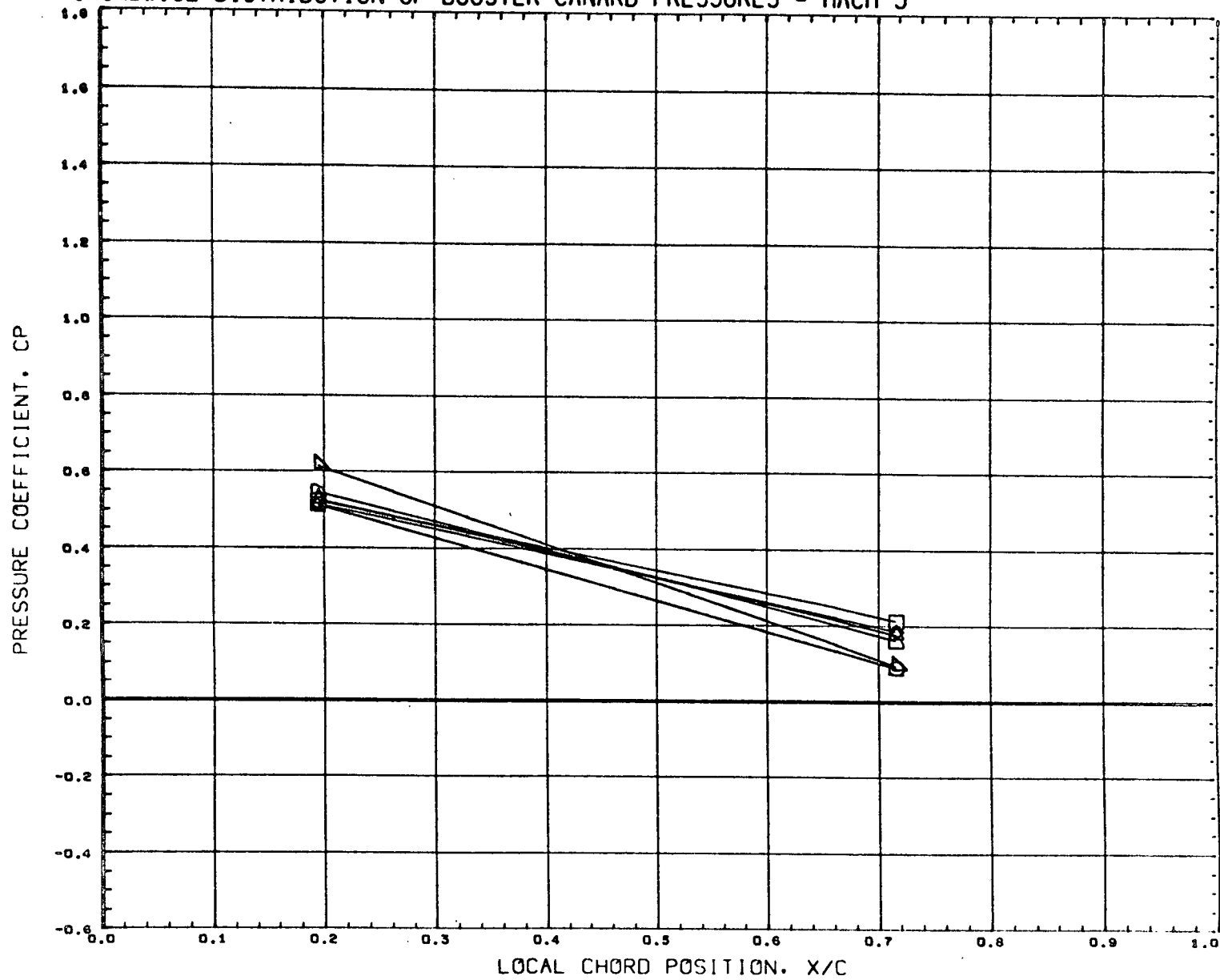


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.120
◇	- 0.143		
◇	- 0.020		
◇	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

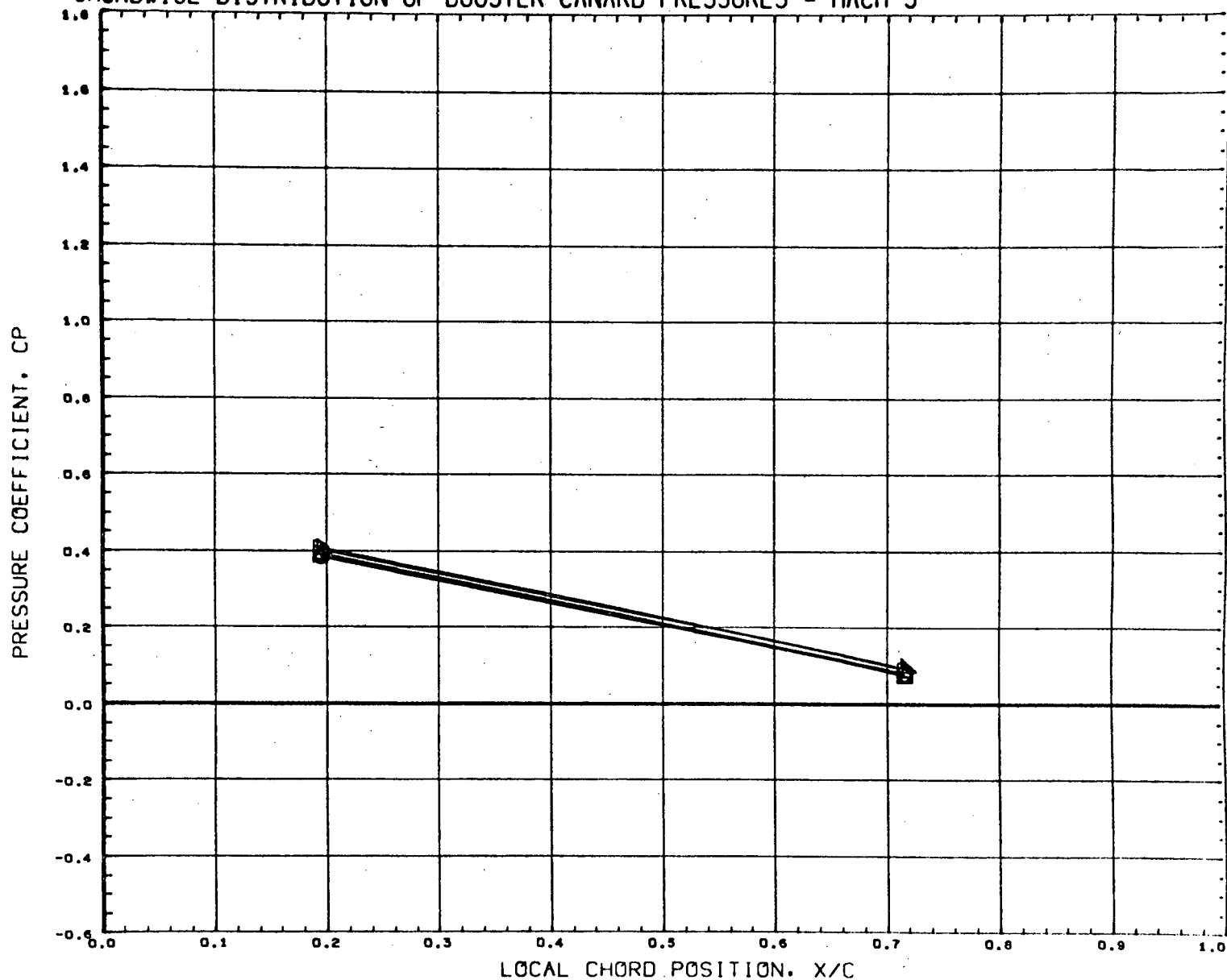


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◻	0.227		
◻	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.009
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

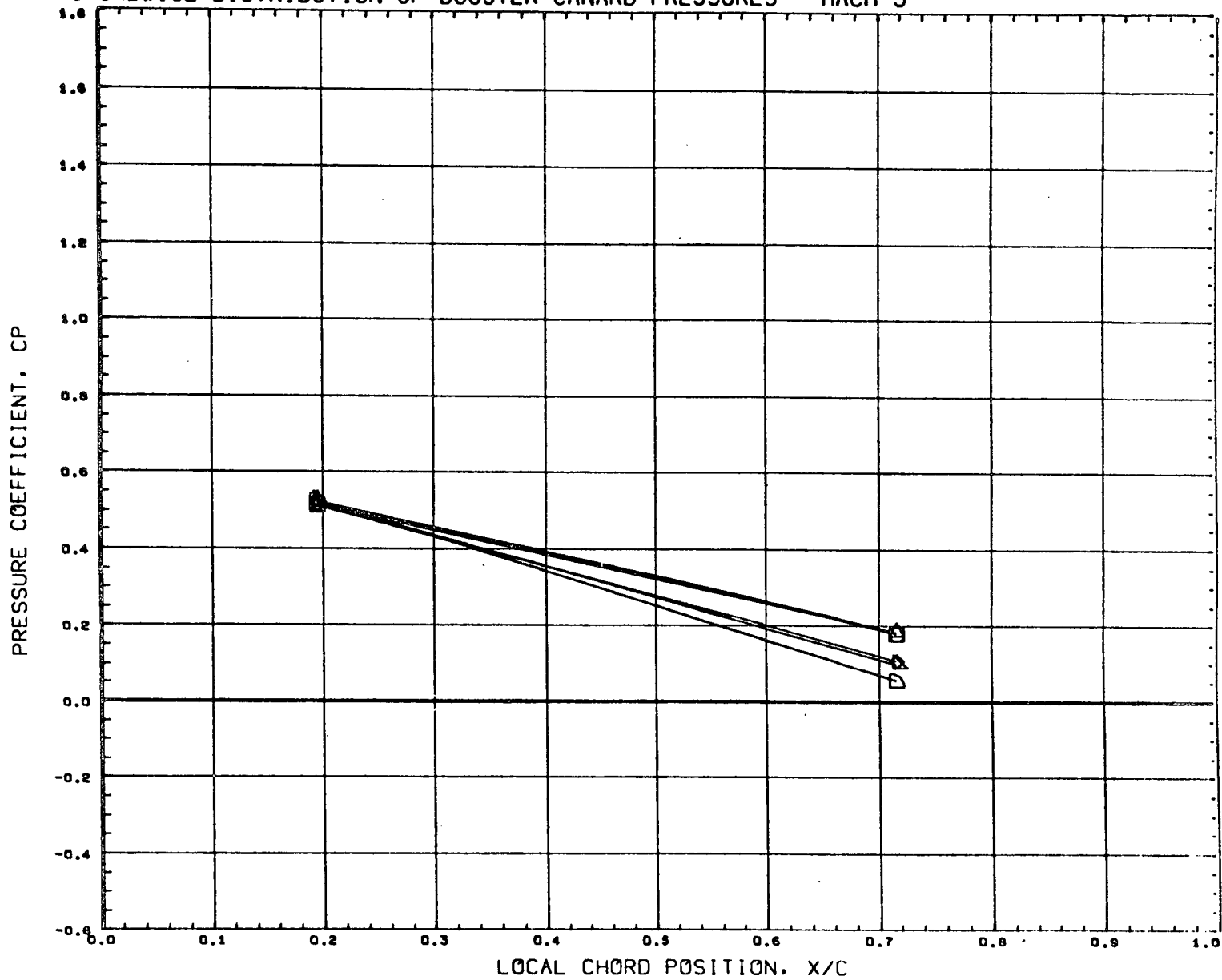


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAT	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

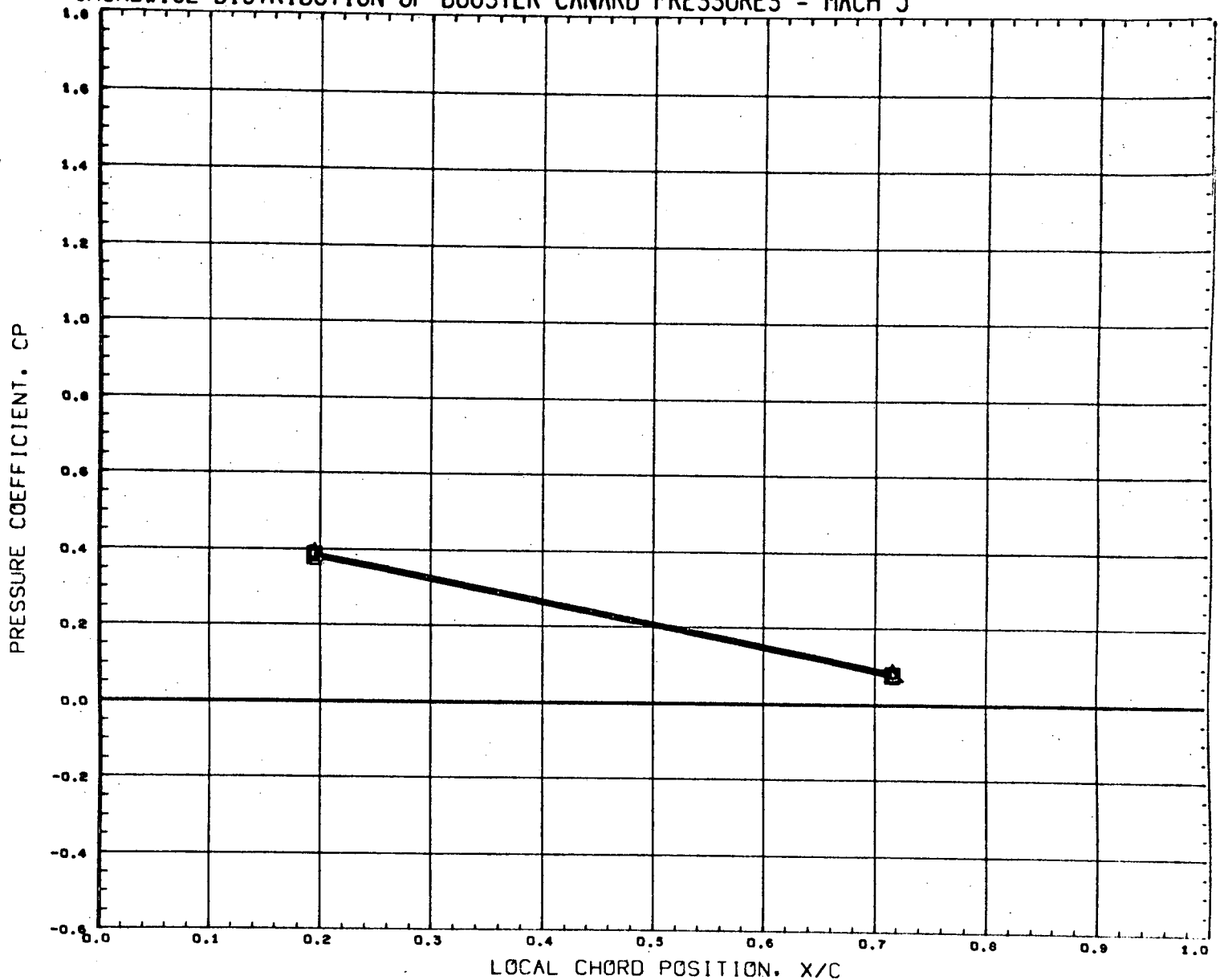


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.879	0.151
◇	0.143		
◻	0.020		
◻	0.103		
◻	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

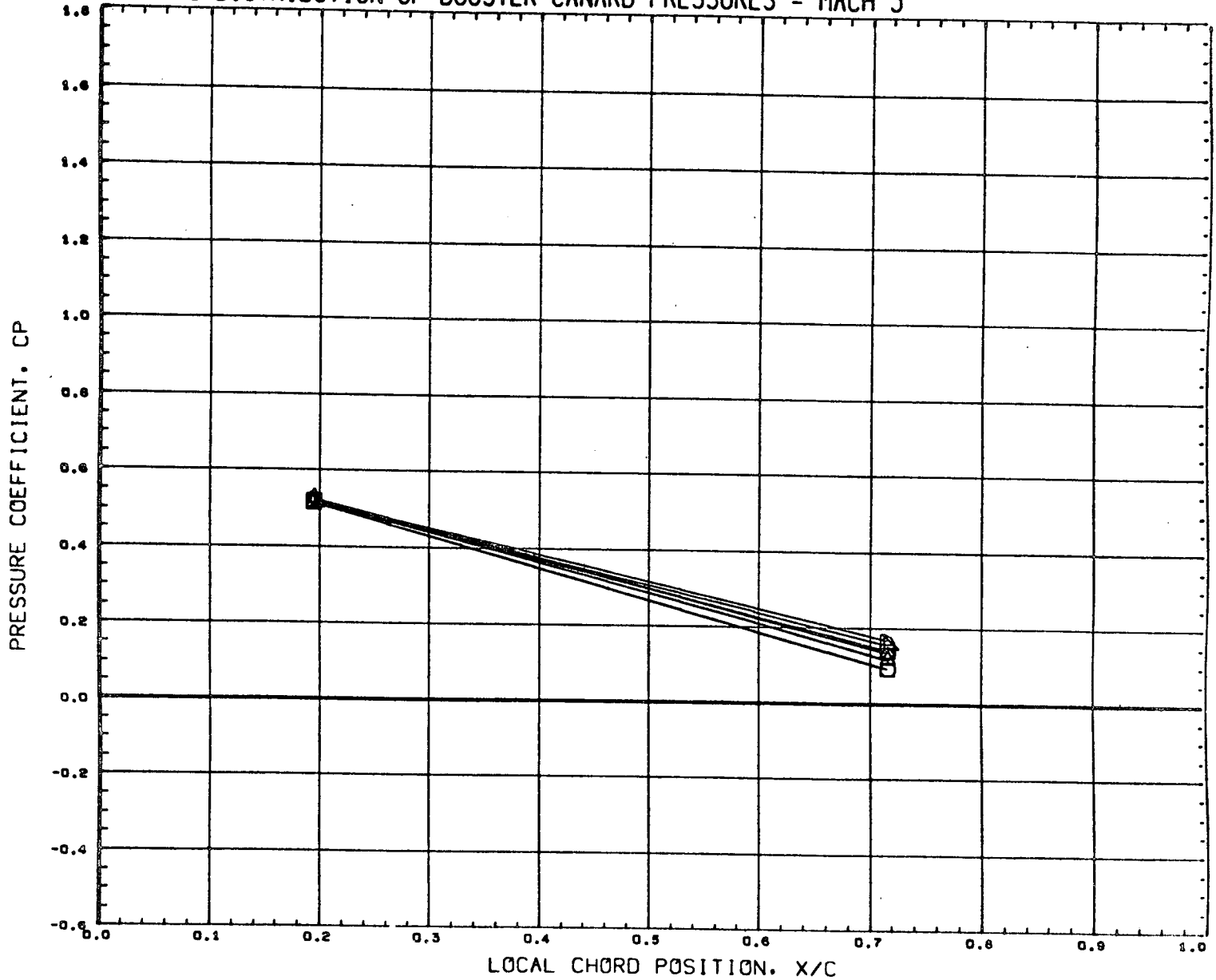


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.228
△	- 0.143		
◇	- 0.020		
◻	0.103		
◻	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.679	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◻	0.227		
◻	0.390		

REFERENCE FILE

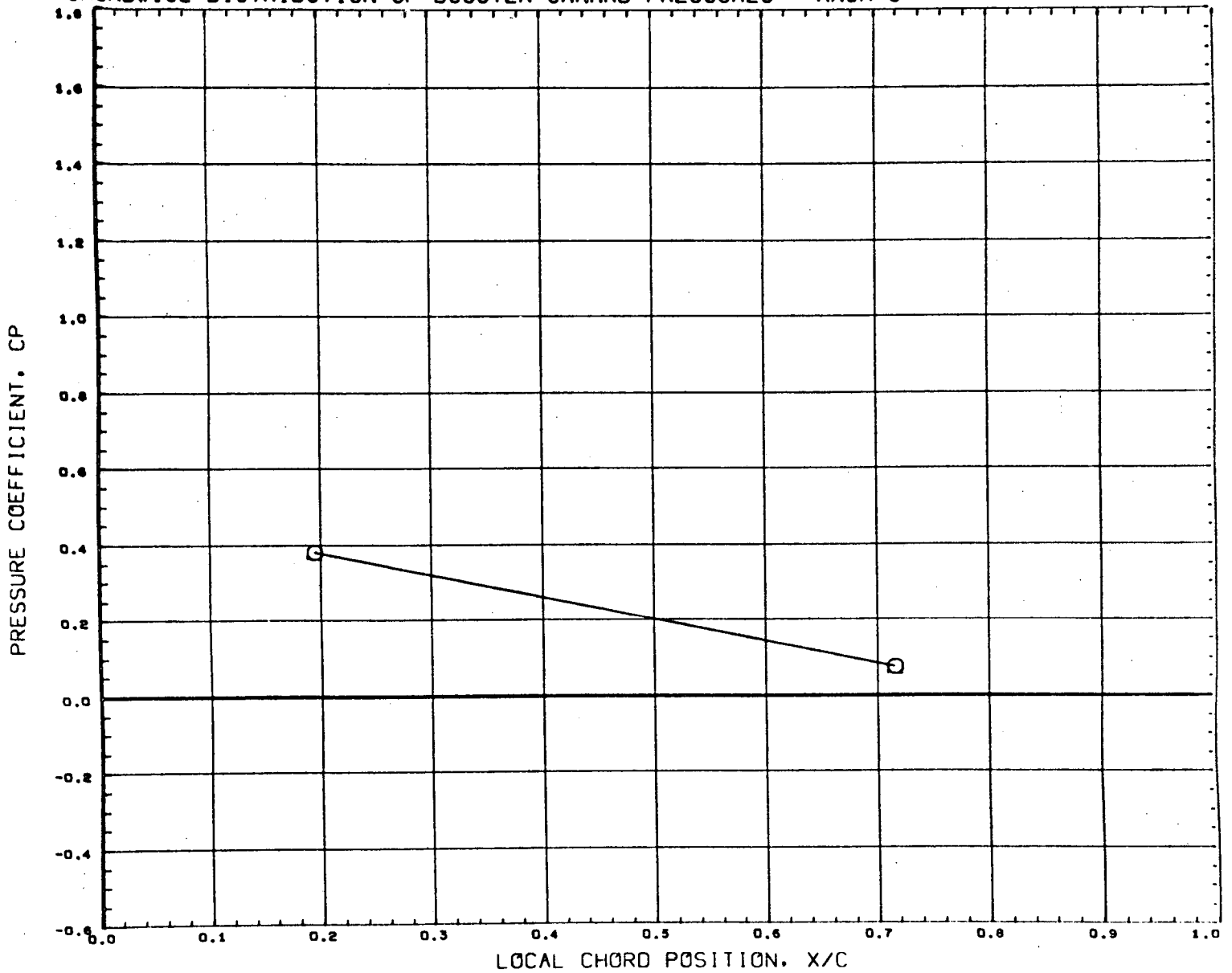
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.900
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.565 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.909
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

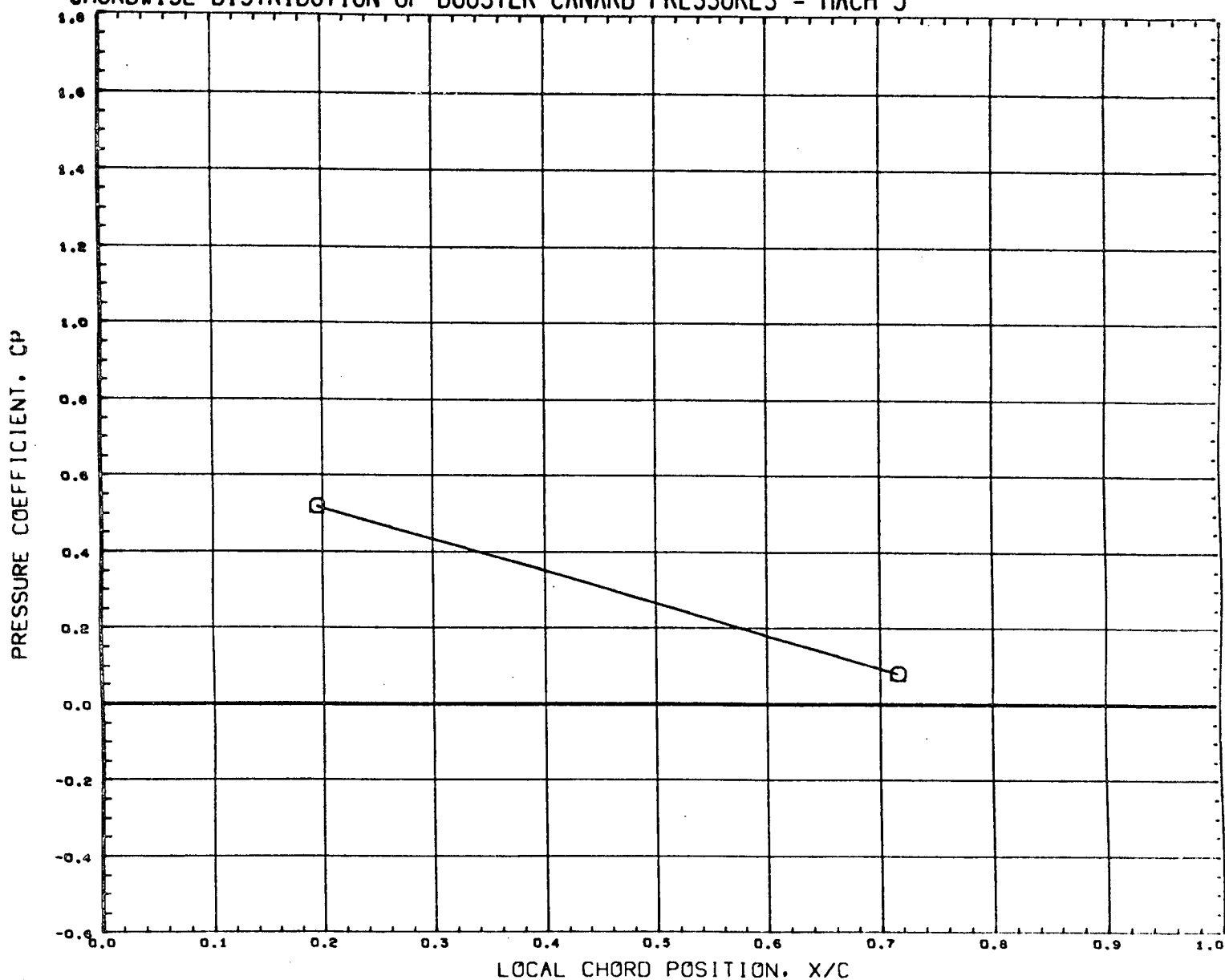
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/D 0.679 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.909
 MACH 4.940 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

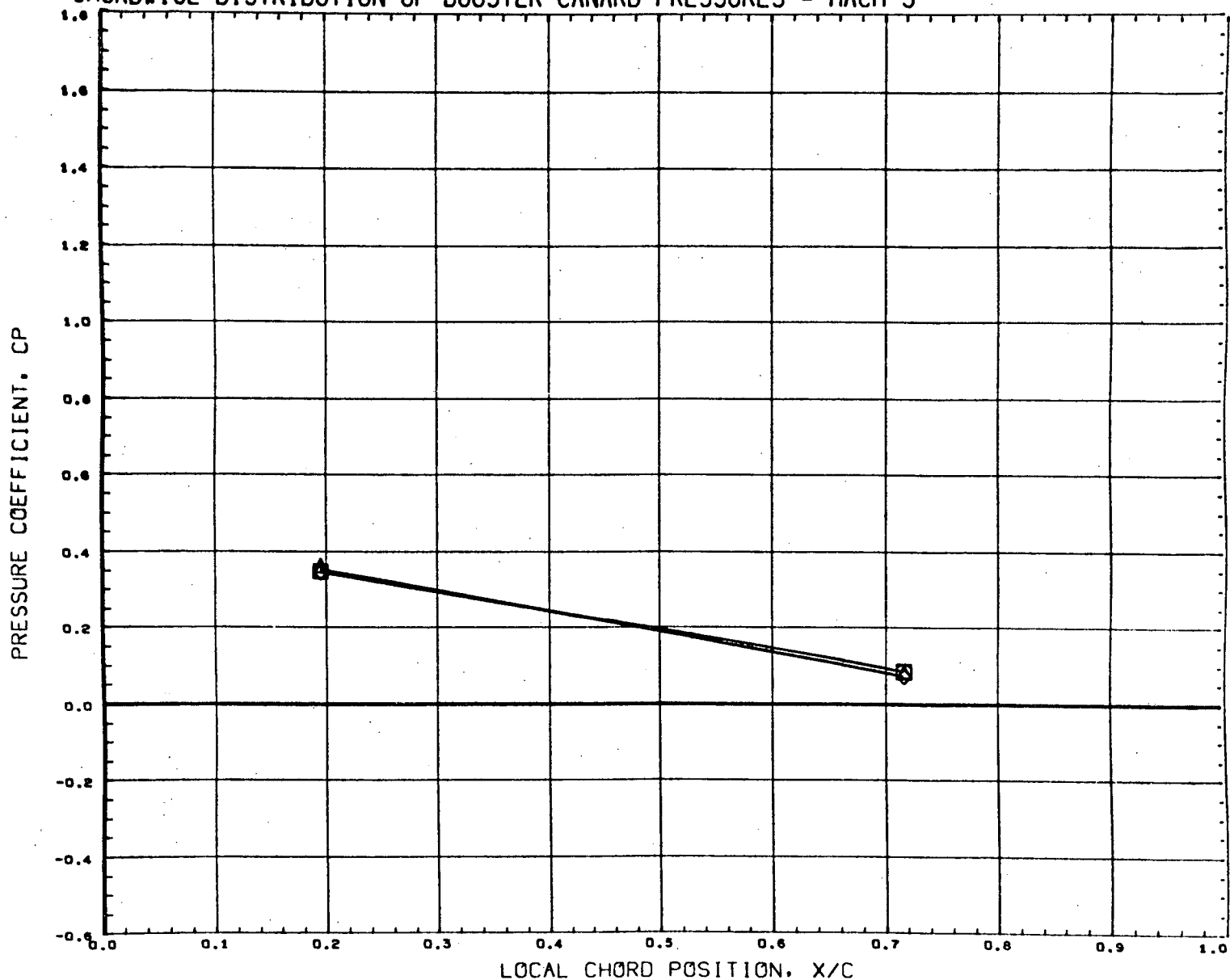
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

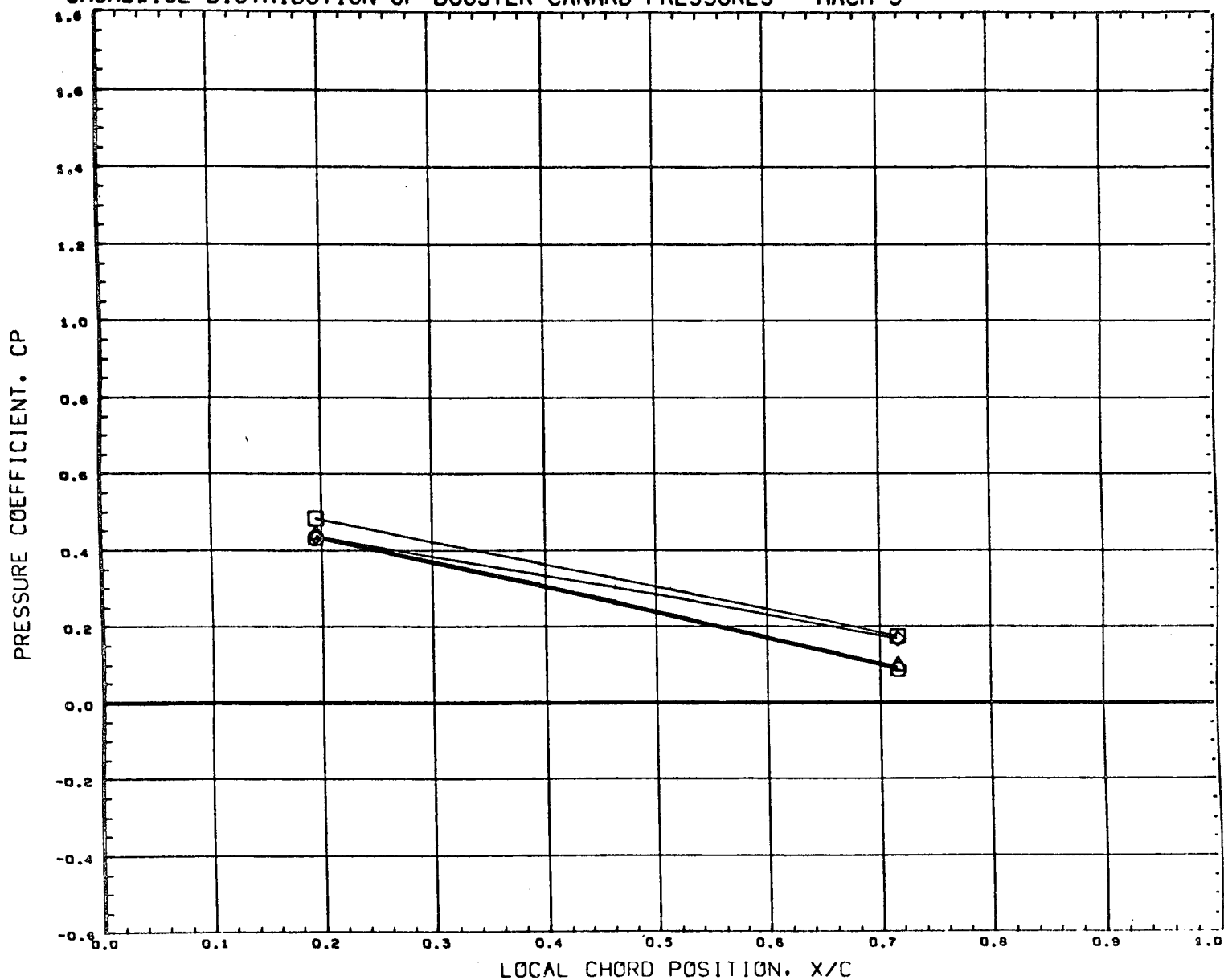
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8512•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAD	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

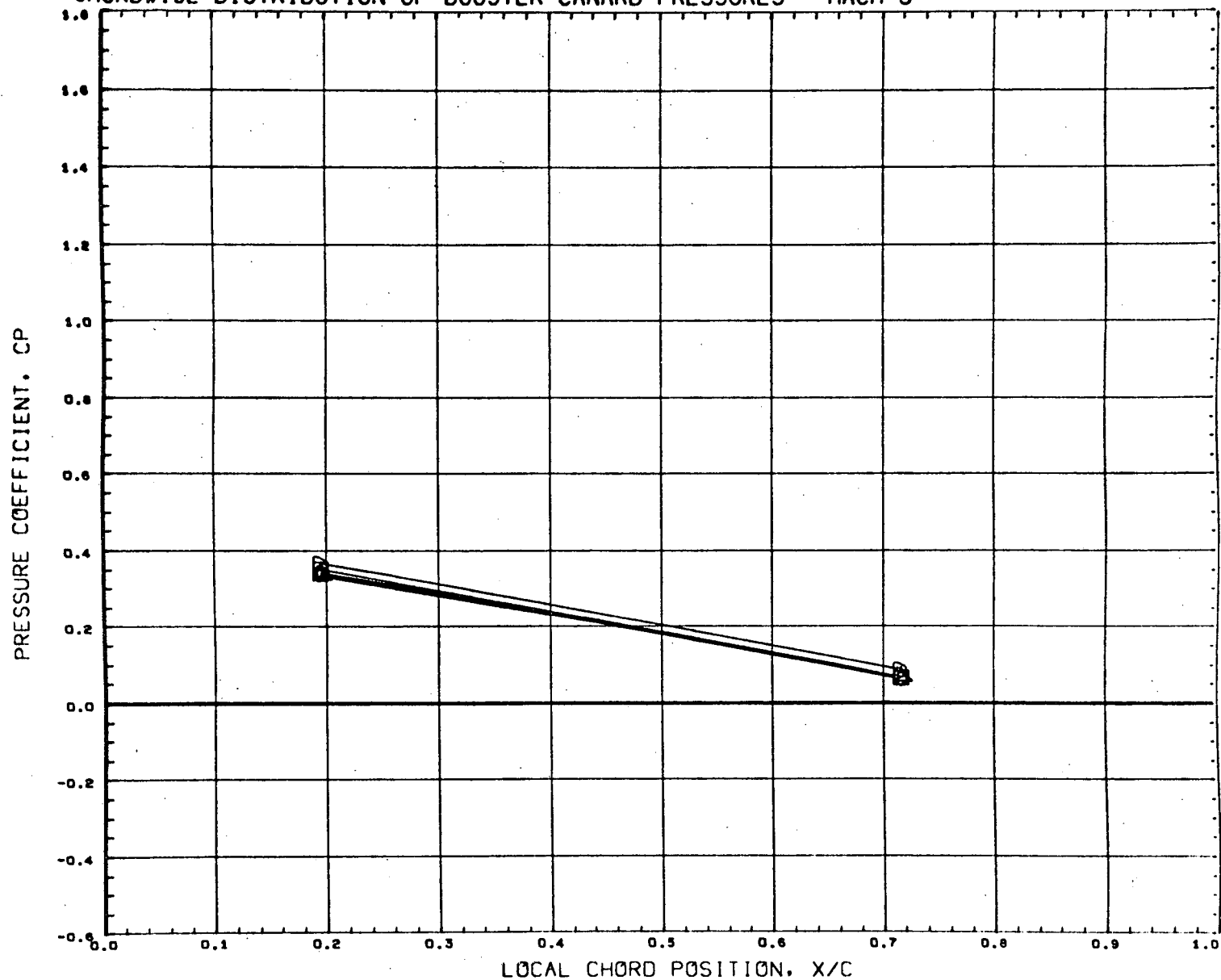
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8512•

PAGE 1376

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

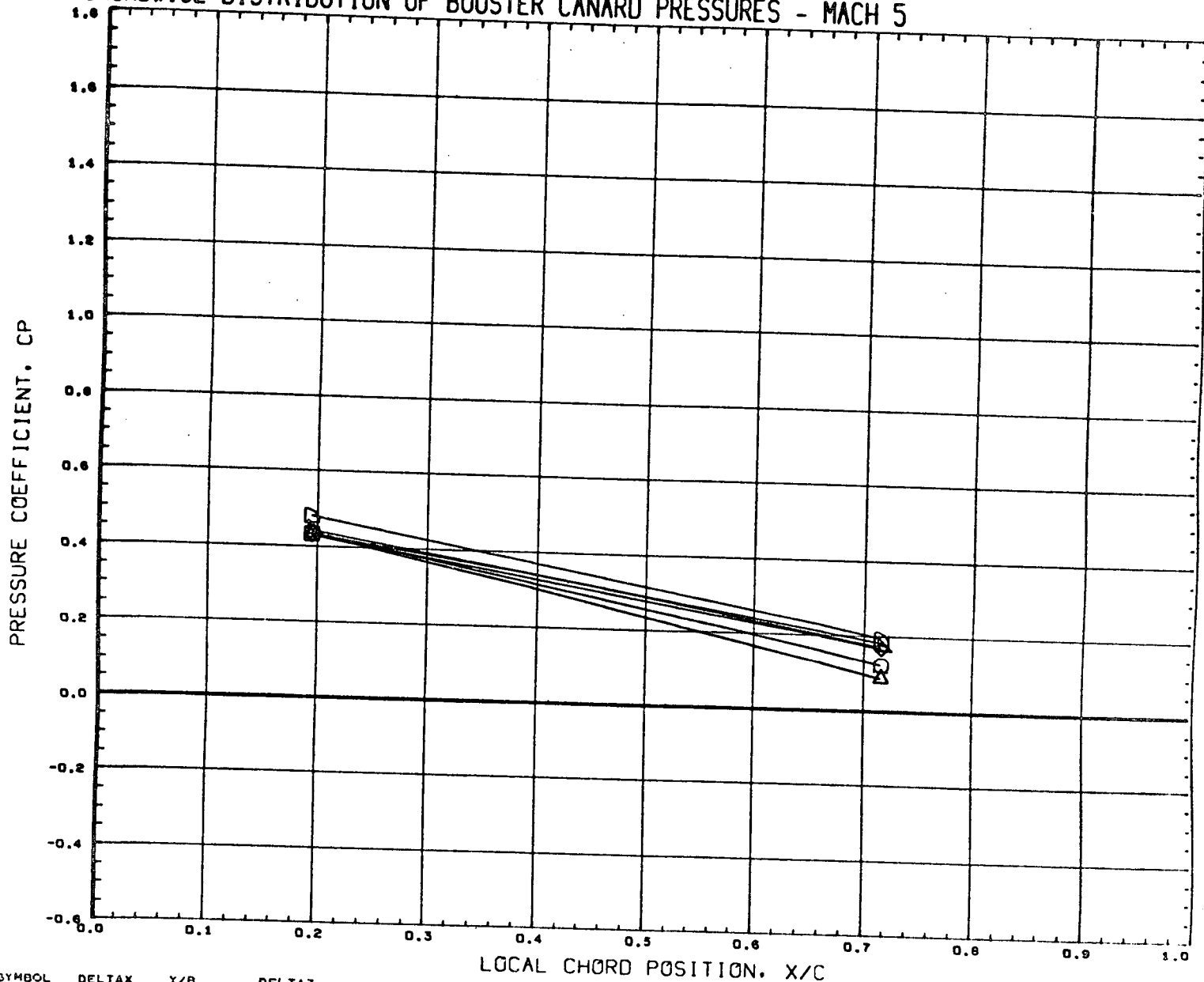


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.679	0.120
◇	- 0.143		
◇	- 0.020		
□	0.103		
△	0.227		
—	0.350		

REFERENCE FILE

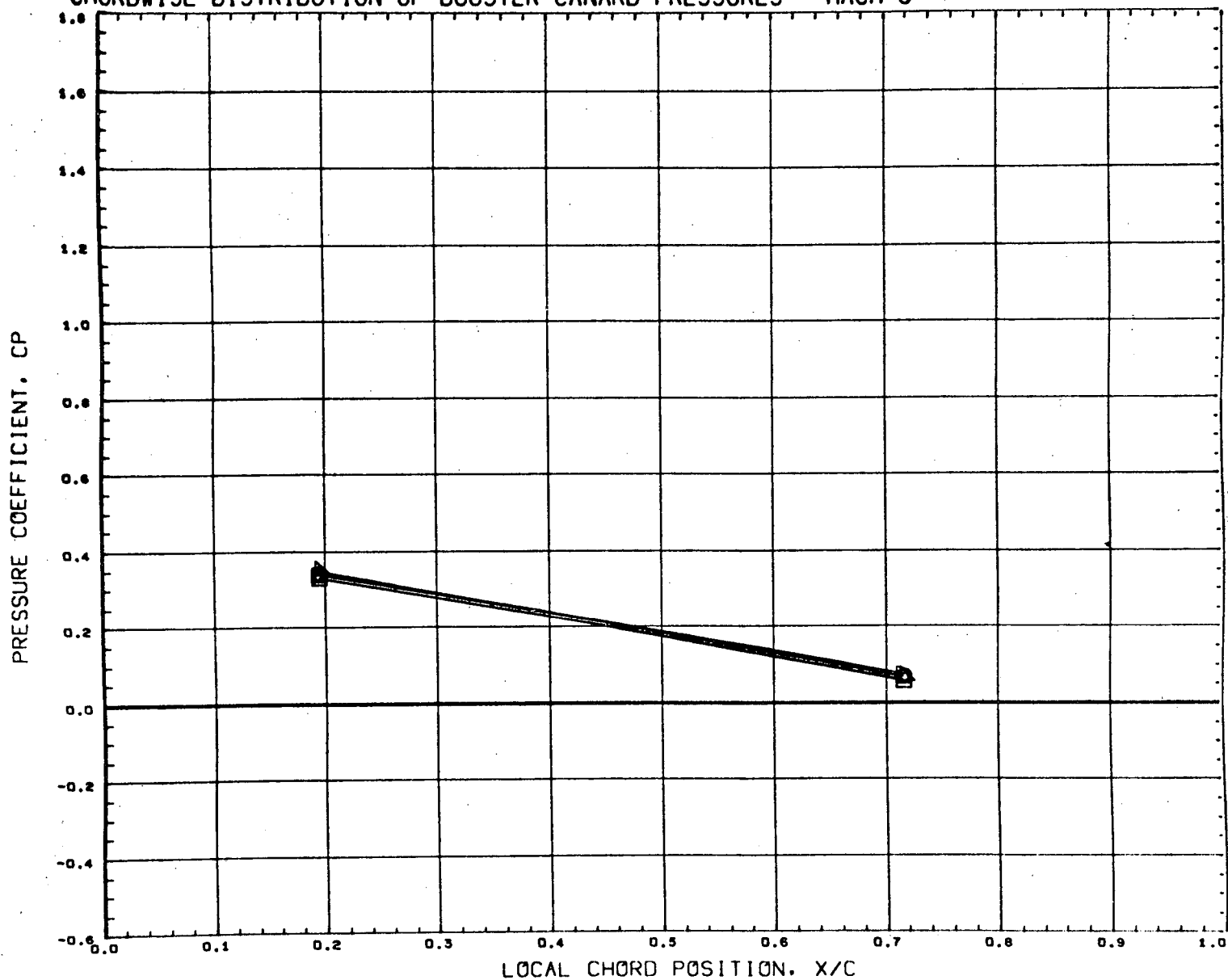
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

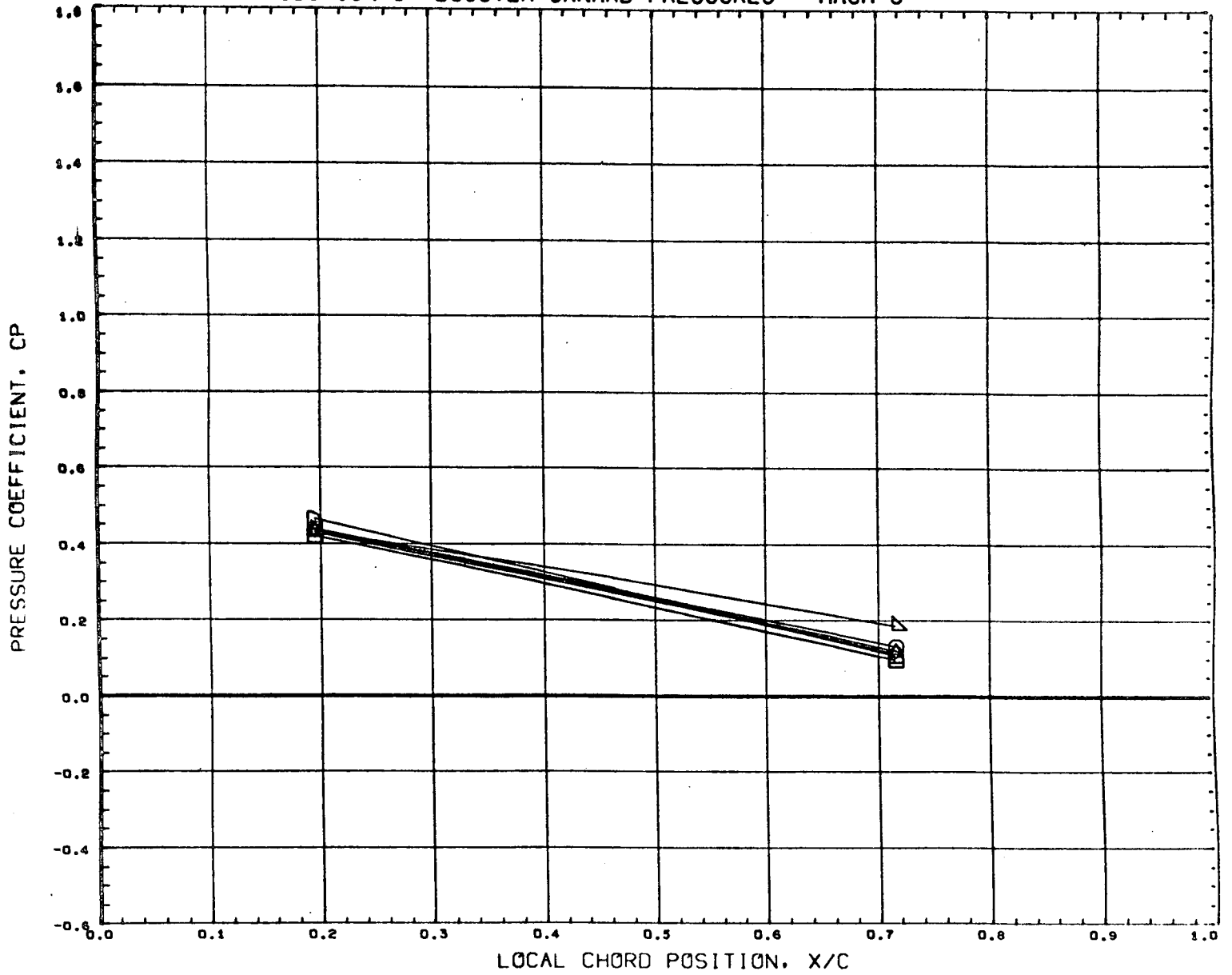


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.151
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.888
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



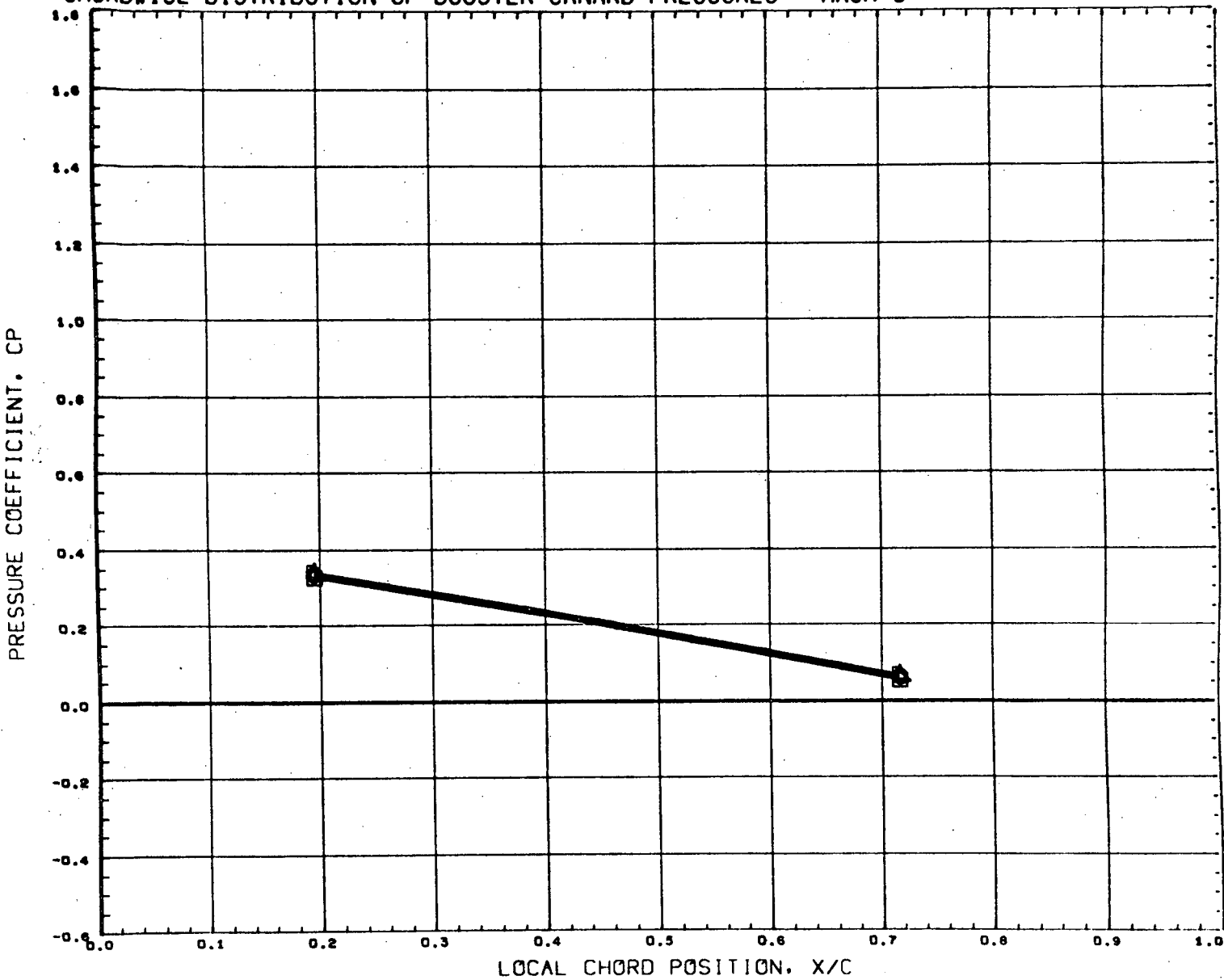
SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.151
△	- 0.143		
◇	- 0.020		
◻	0.103		
◻	0.227		
◻	0.330		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

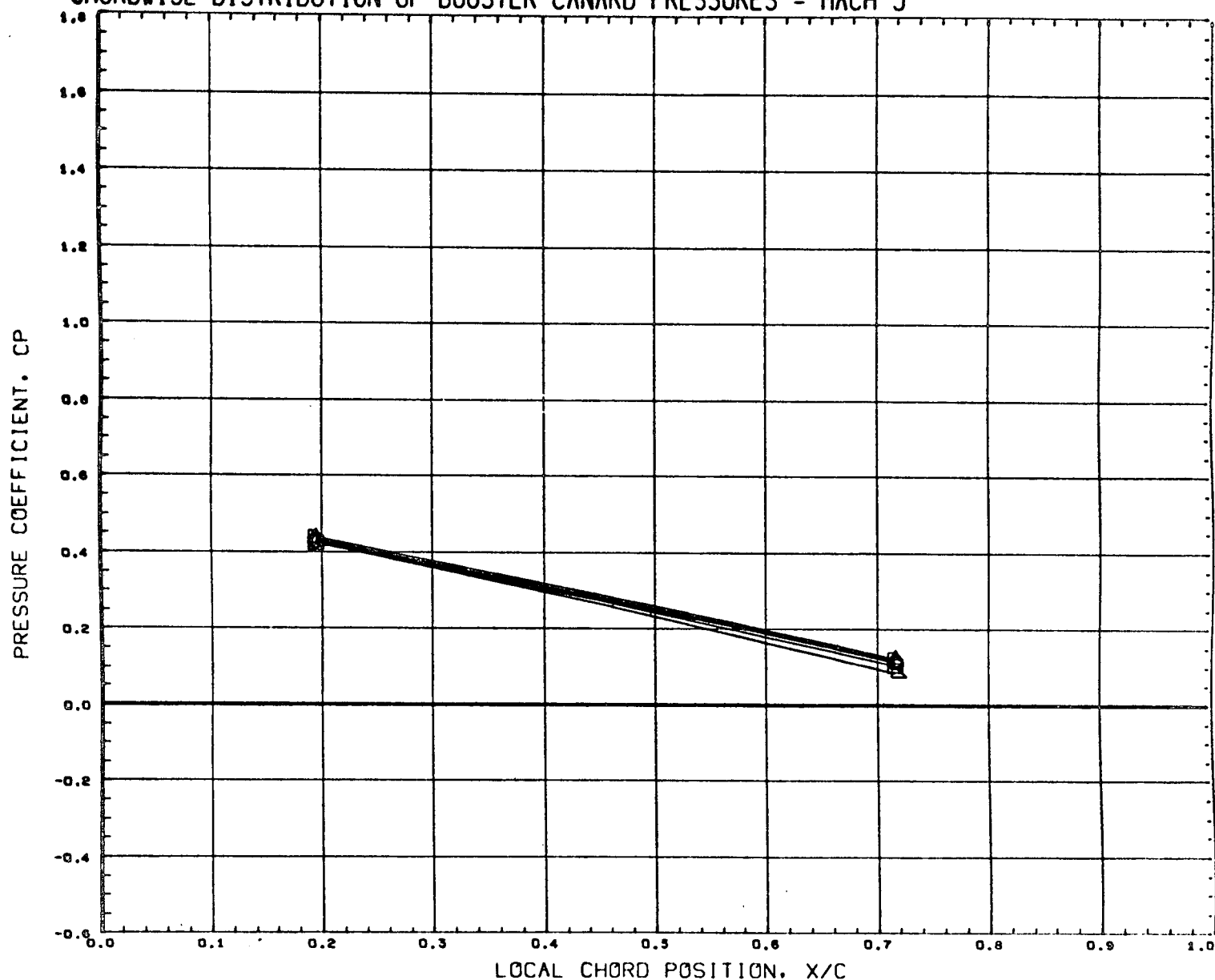
CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 - 0.390 0.365 0.228
 - 0.143
 - 0.020
 0.103
 0.227
 0.350 REFERENCE FILE

PARAMETRIC VALUES
 BETA 0.000 ALPHA8 - 4.888
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

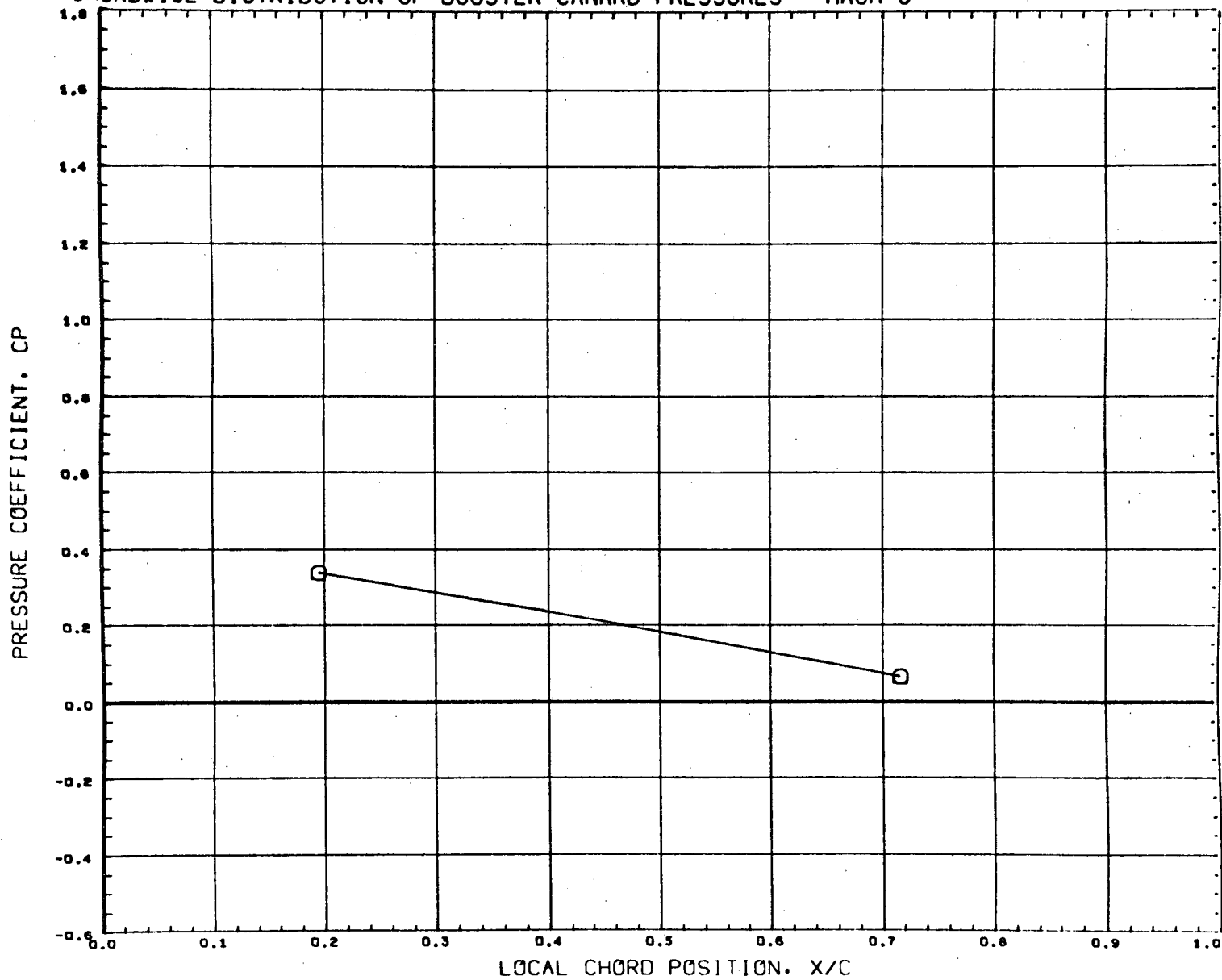


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

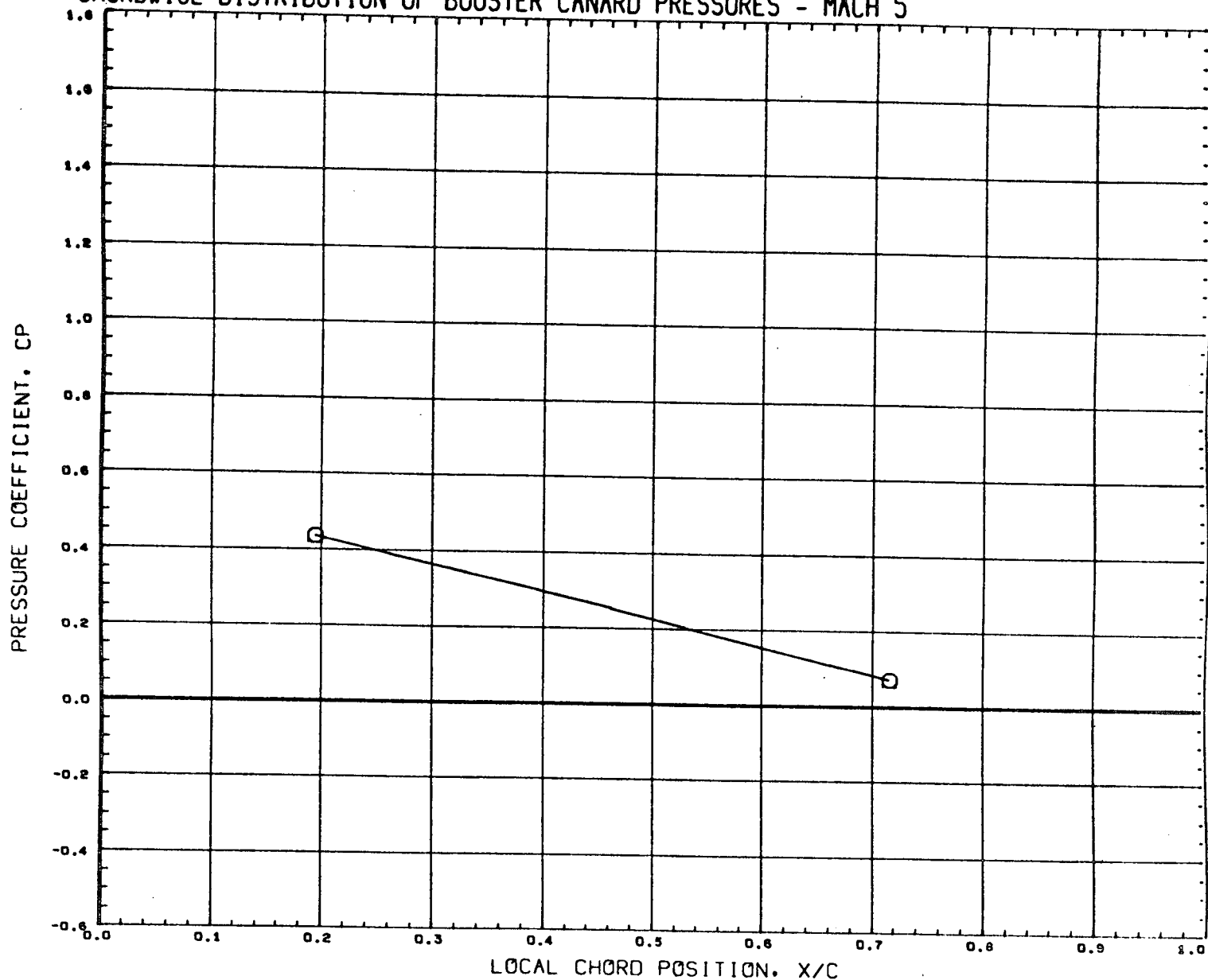
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

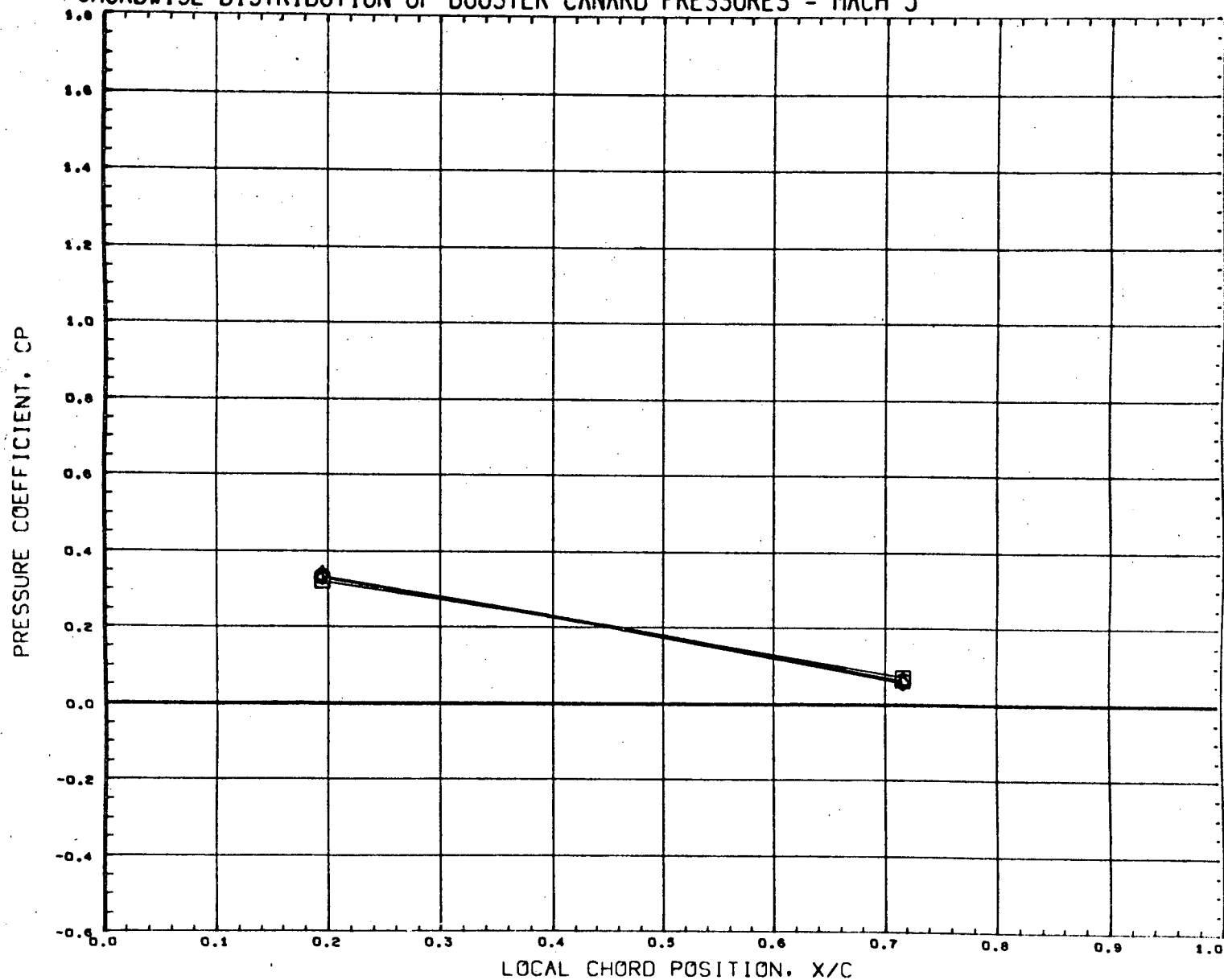
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8512•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.050
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

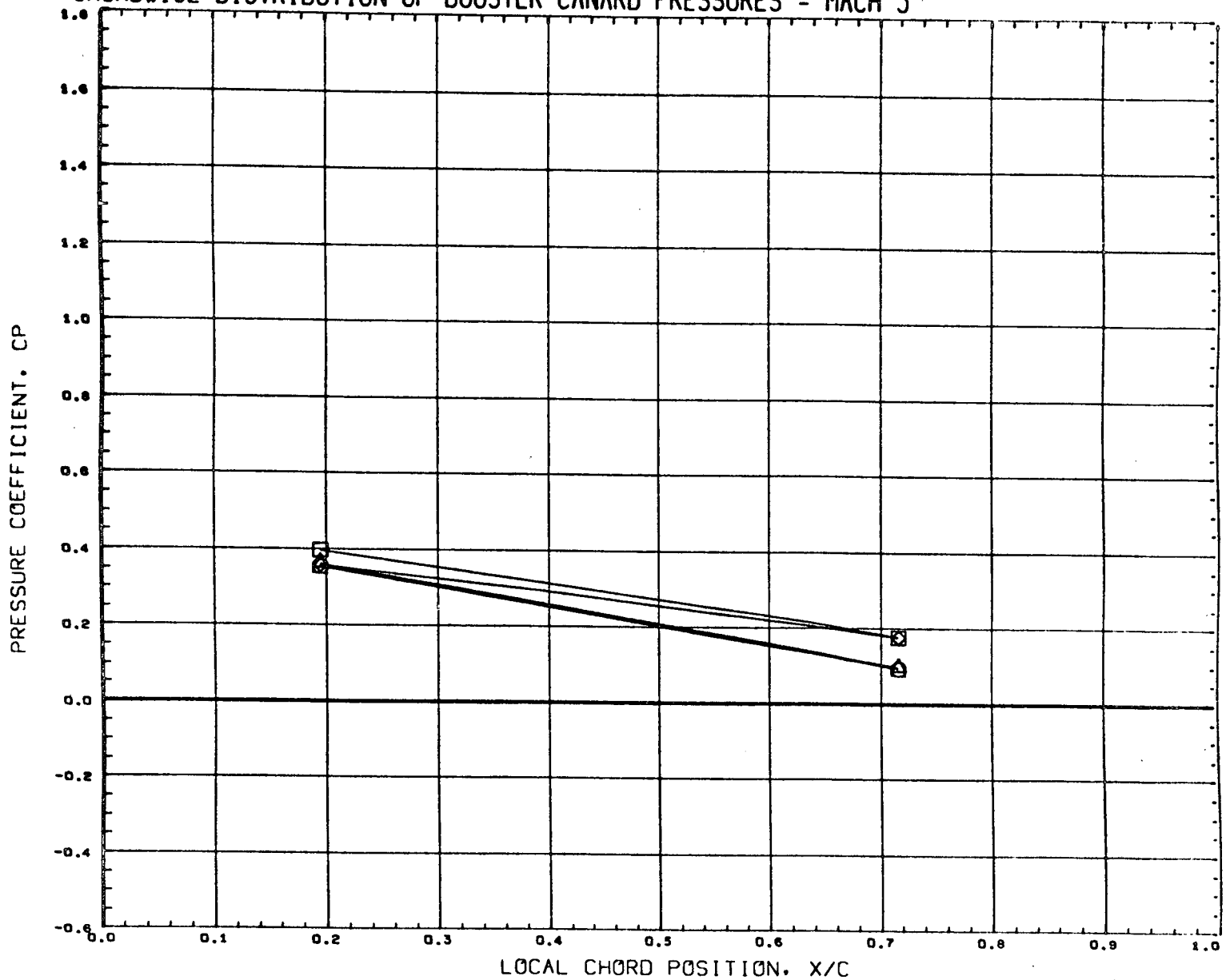
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8513•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

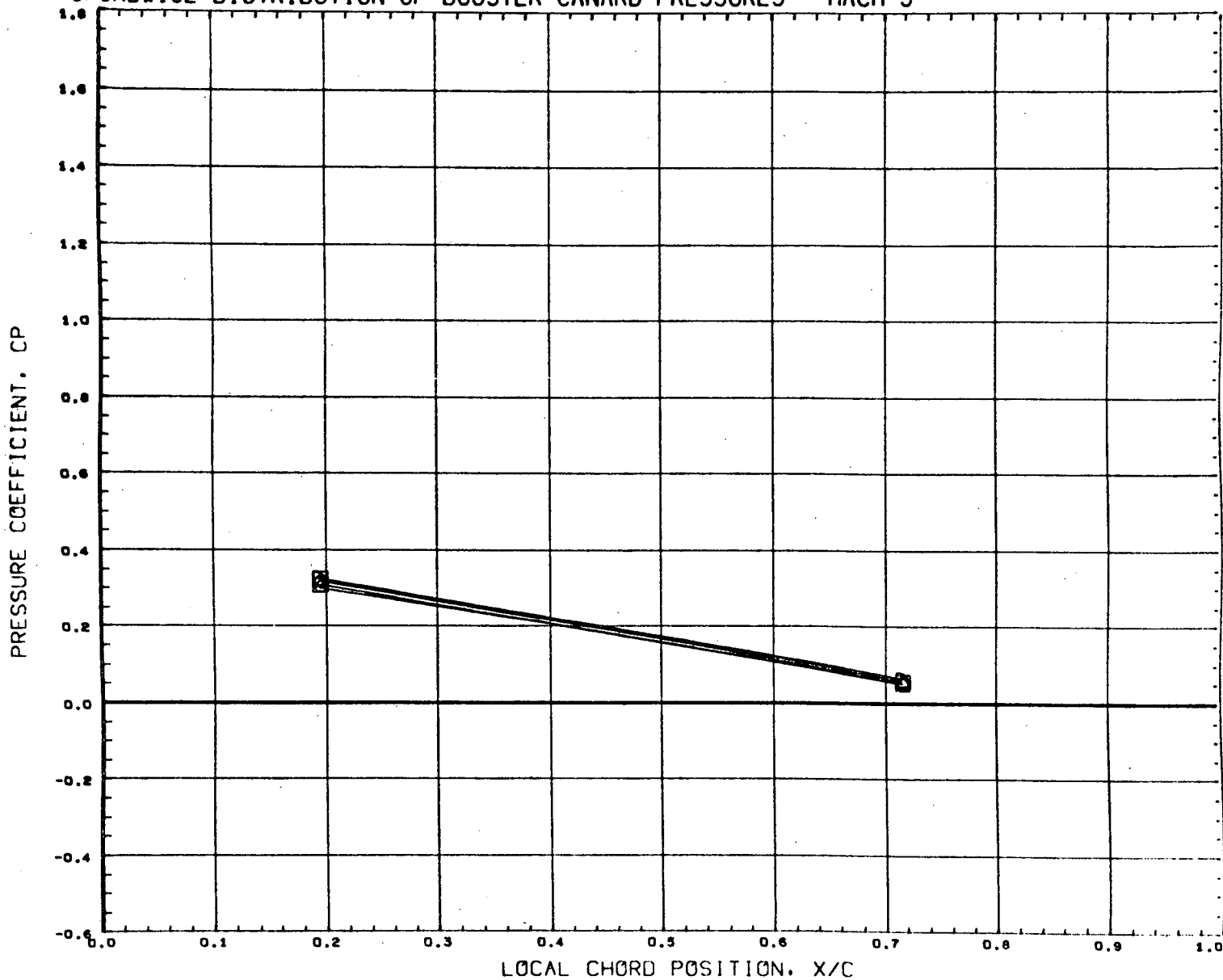
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8513•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

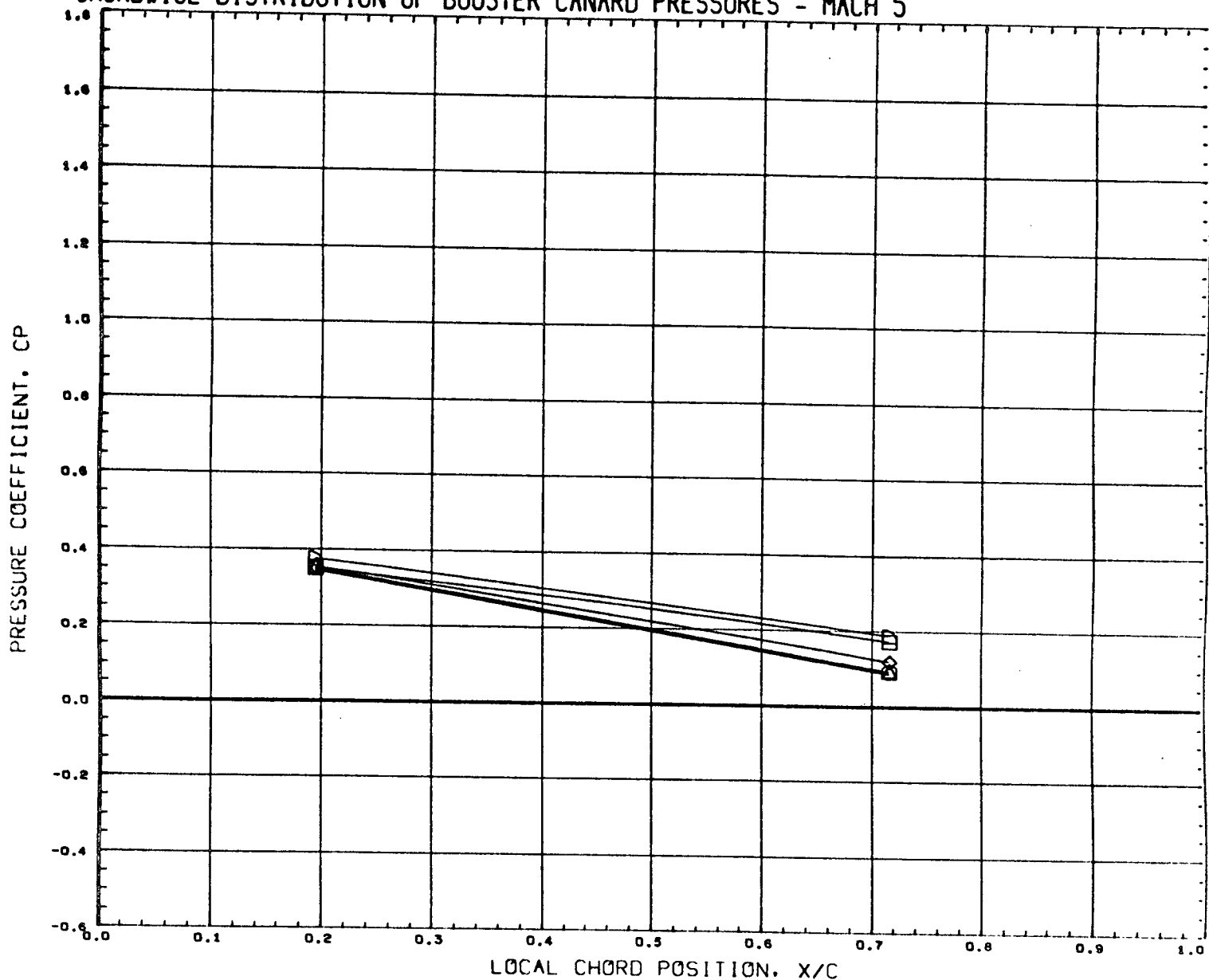


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.120
△	0.143		
◇	0.020		
□	0.103		
▽	0.227		
◇	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

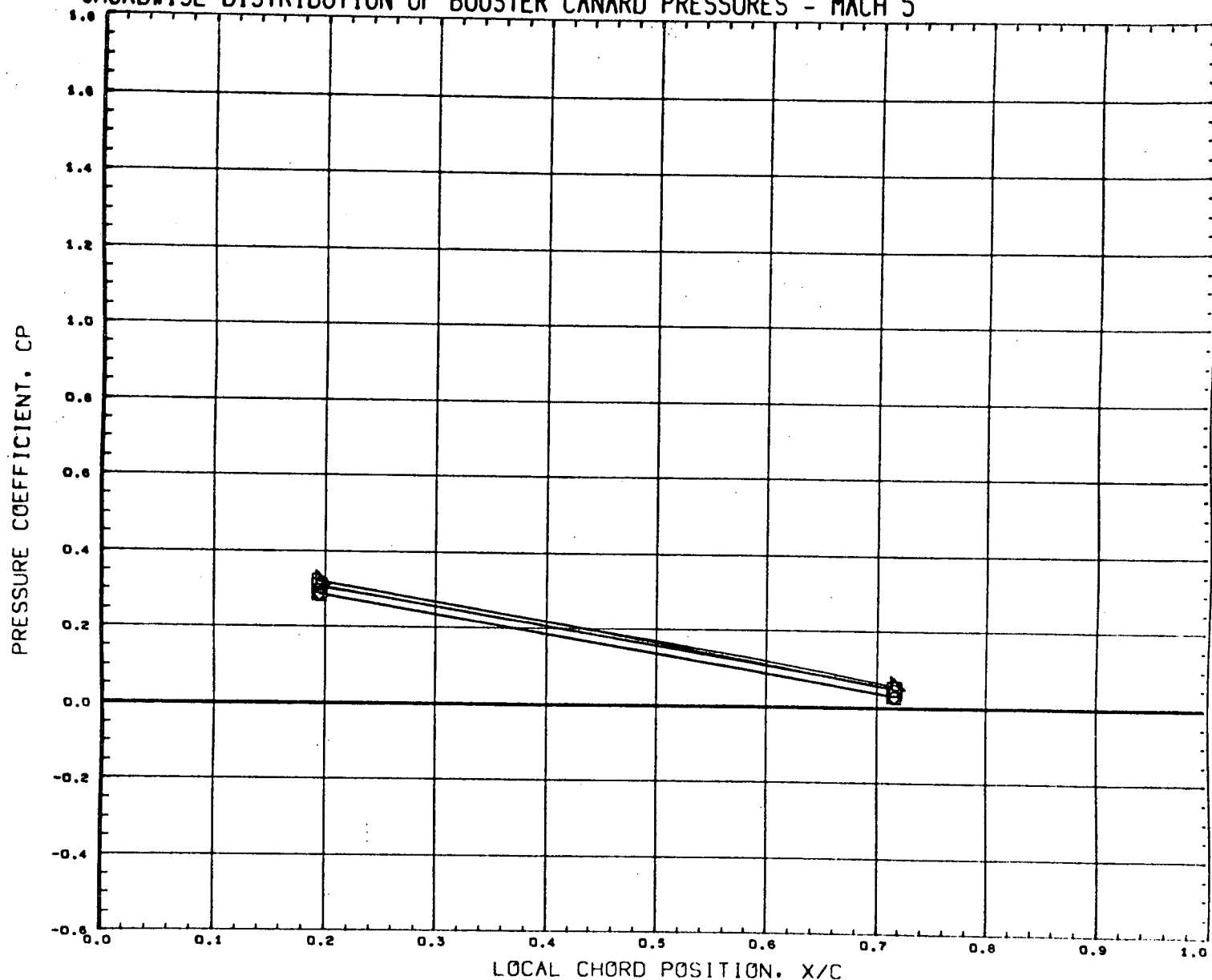


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.679	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

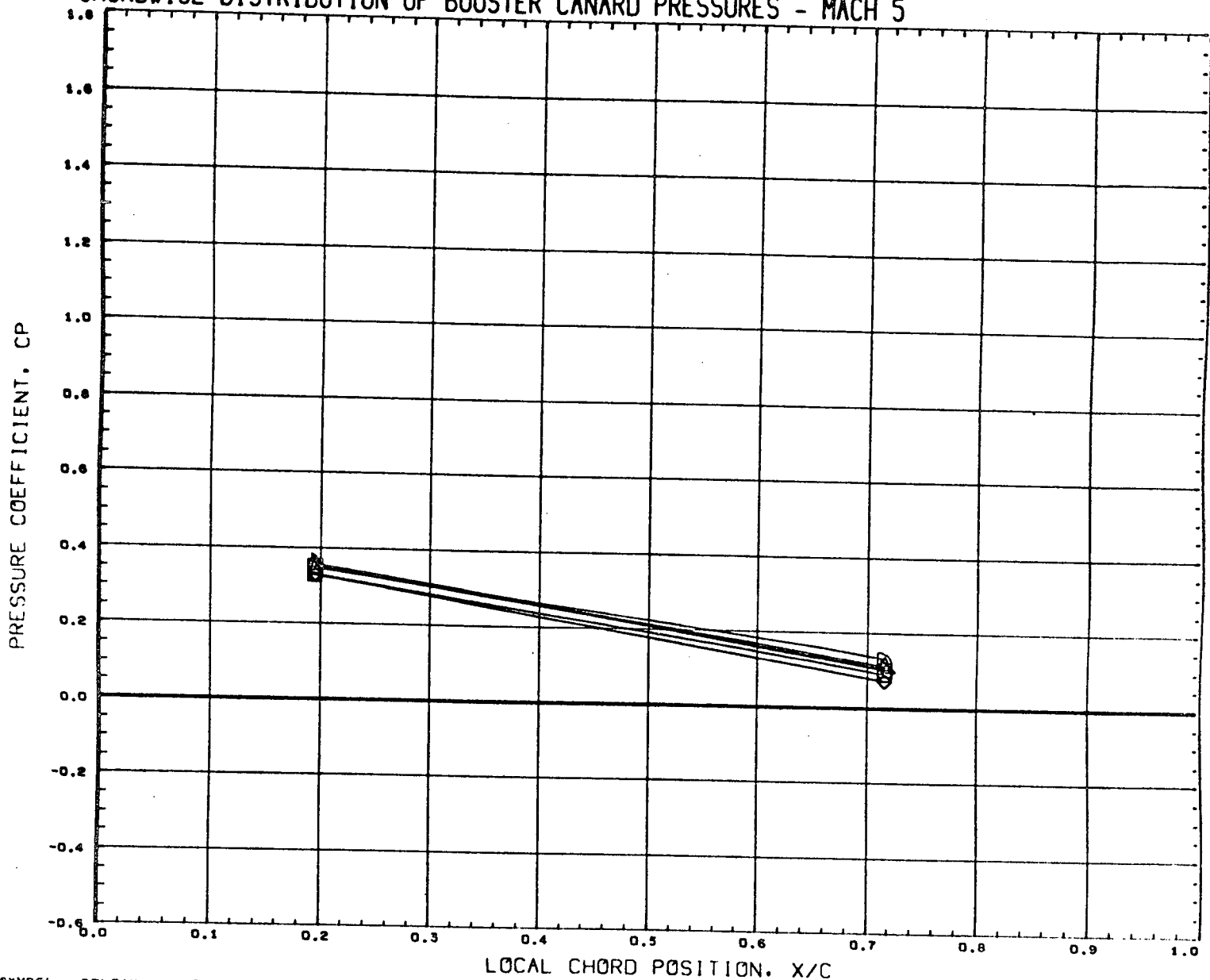


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.565	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

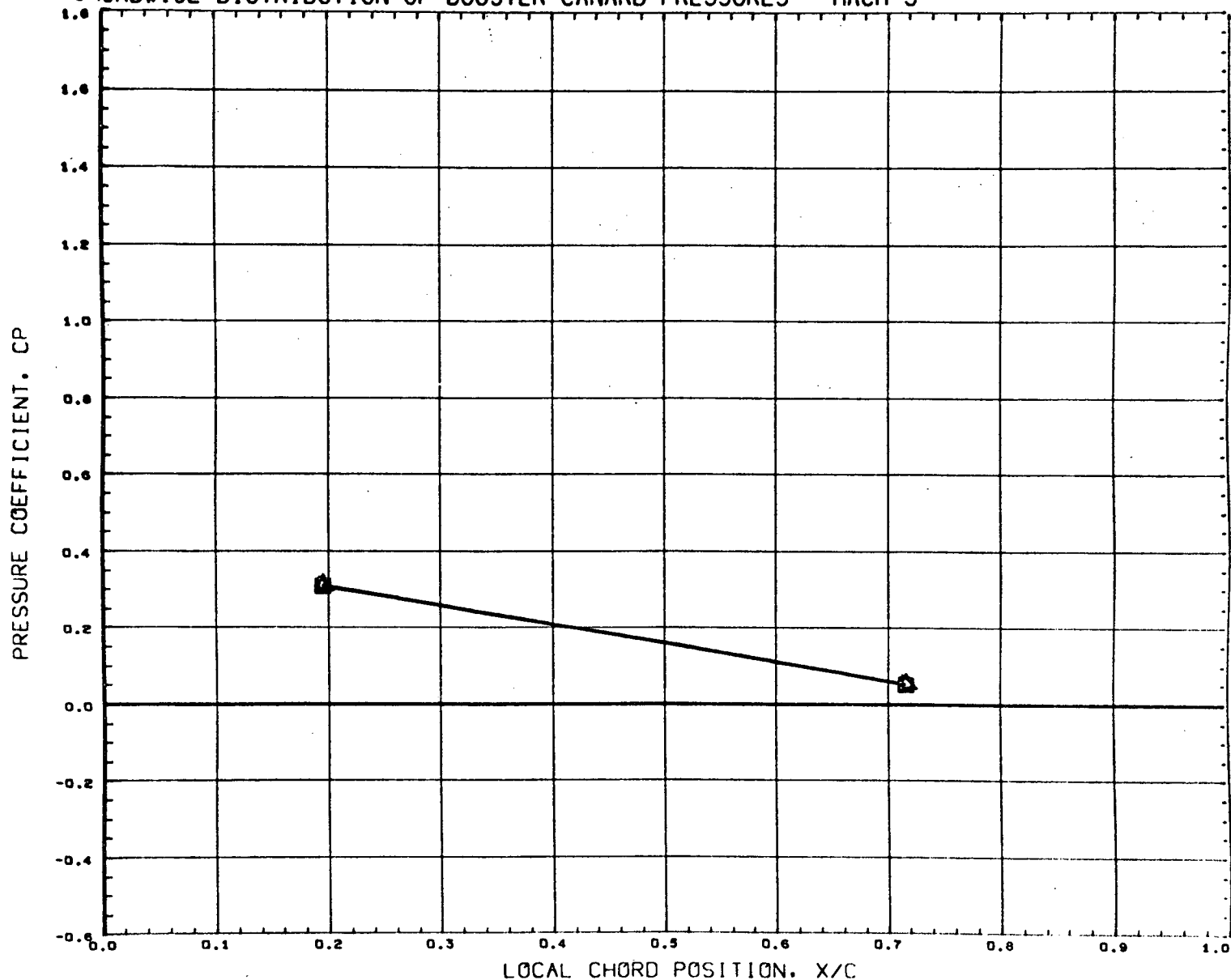


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.679	0.151
◇	0.143		
◻	0.020		
◻	0.103		
◻	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.050
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

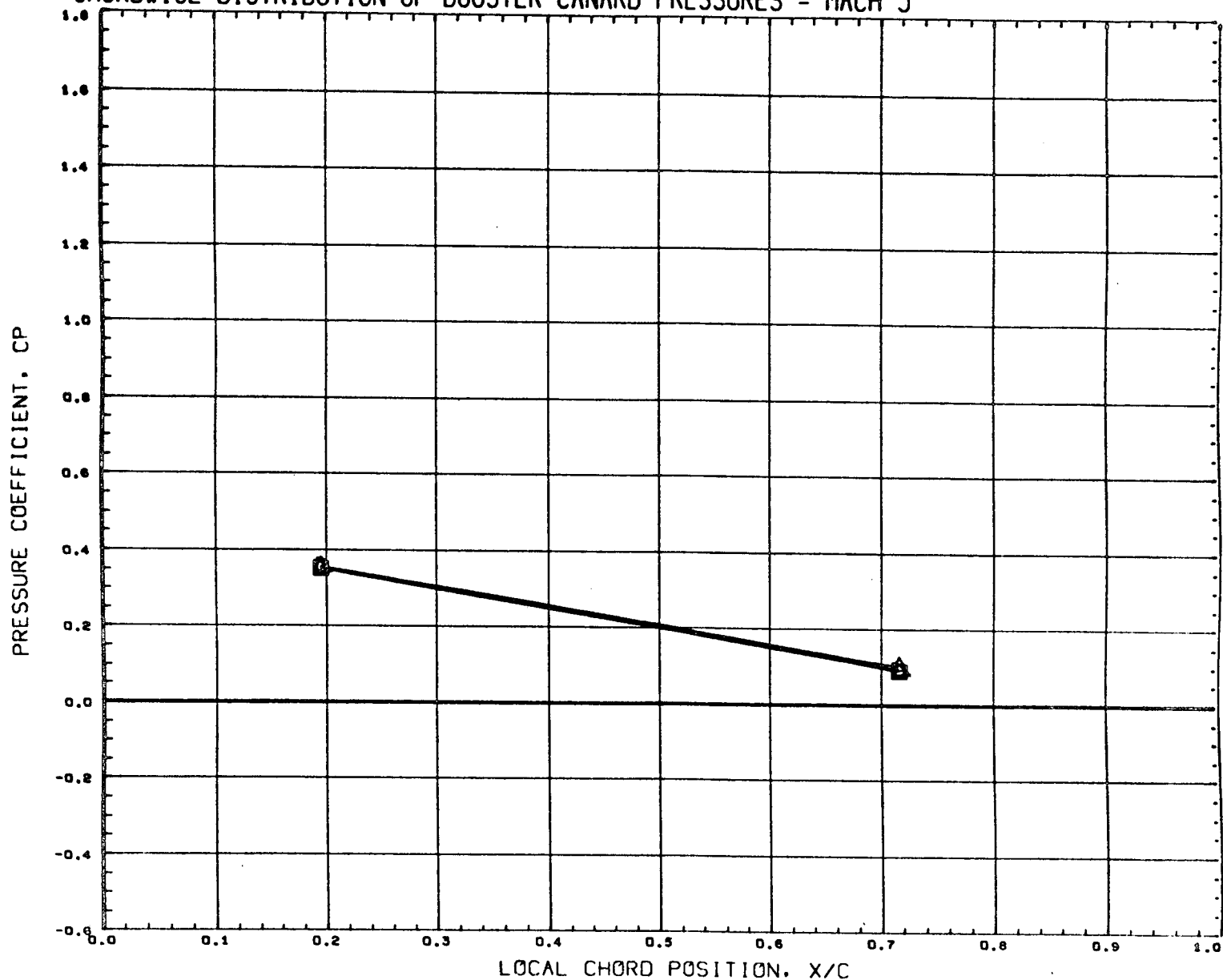


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.228
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

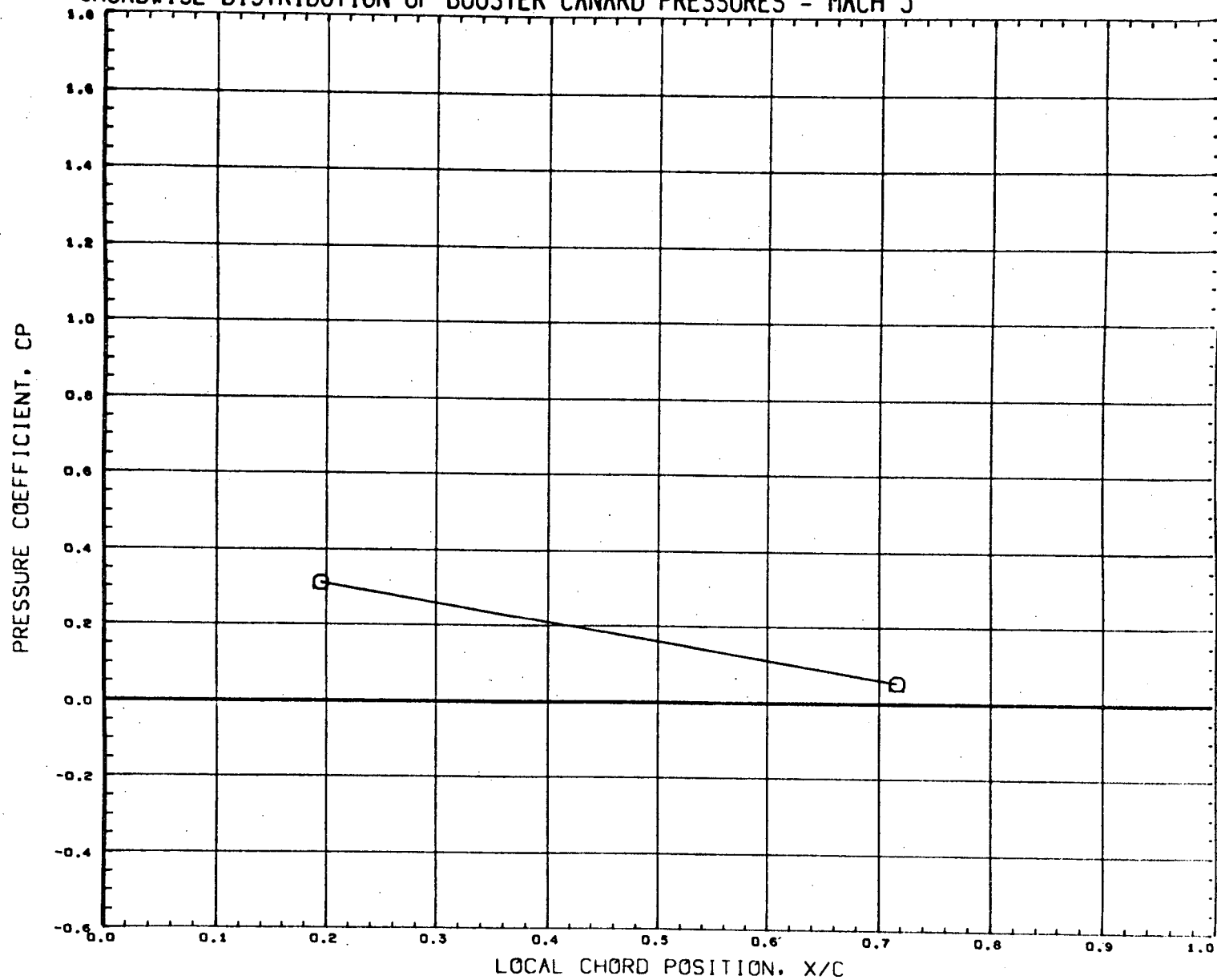


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.079	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O 0.520 0.565 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.050
 MACH 4.940 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

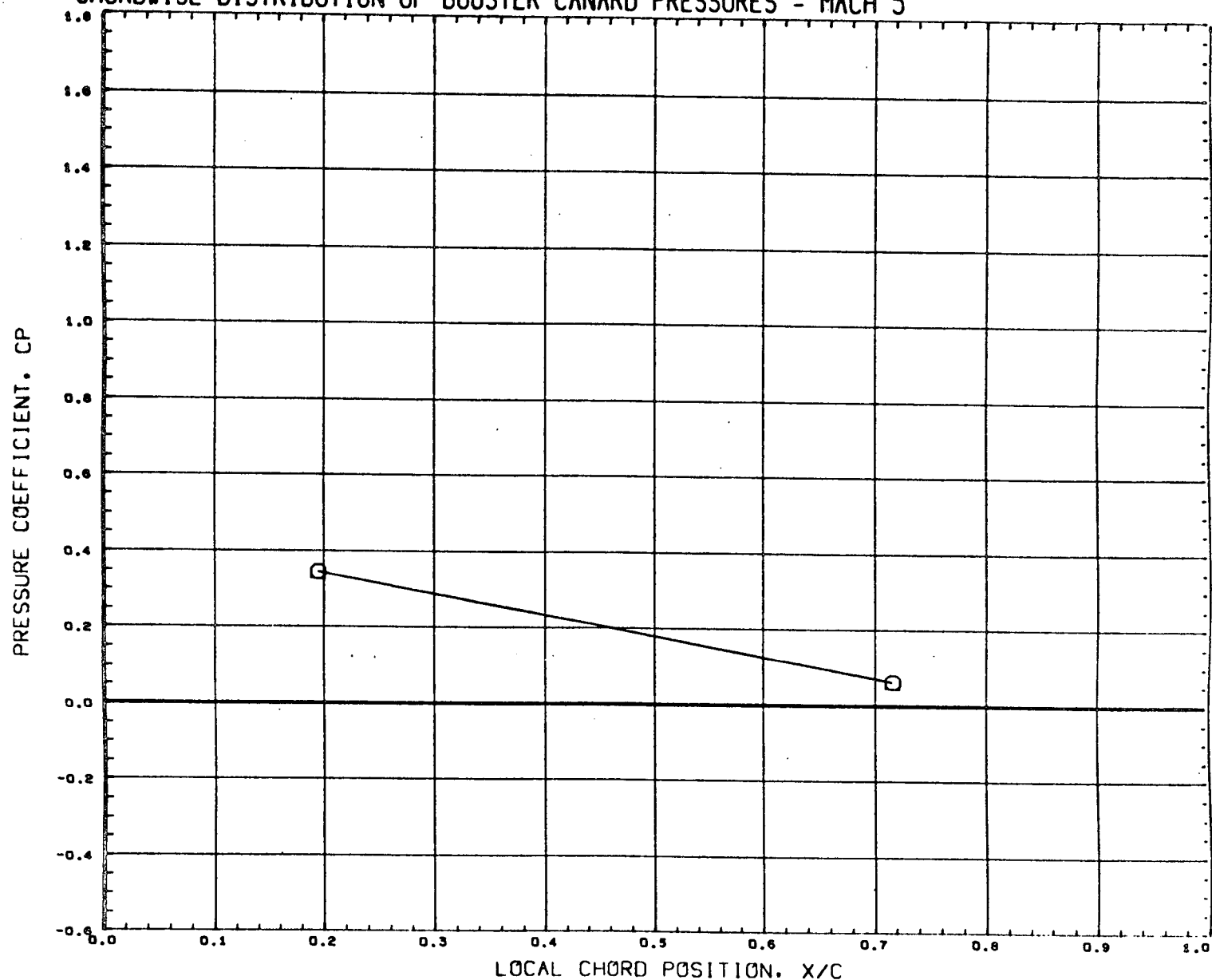
REFERENCE FILE

AEDC VAI163 MDAC BOOSTER (CANARD)

•DT8513•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

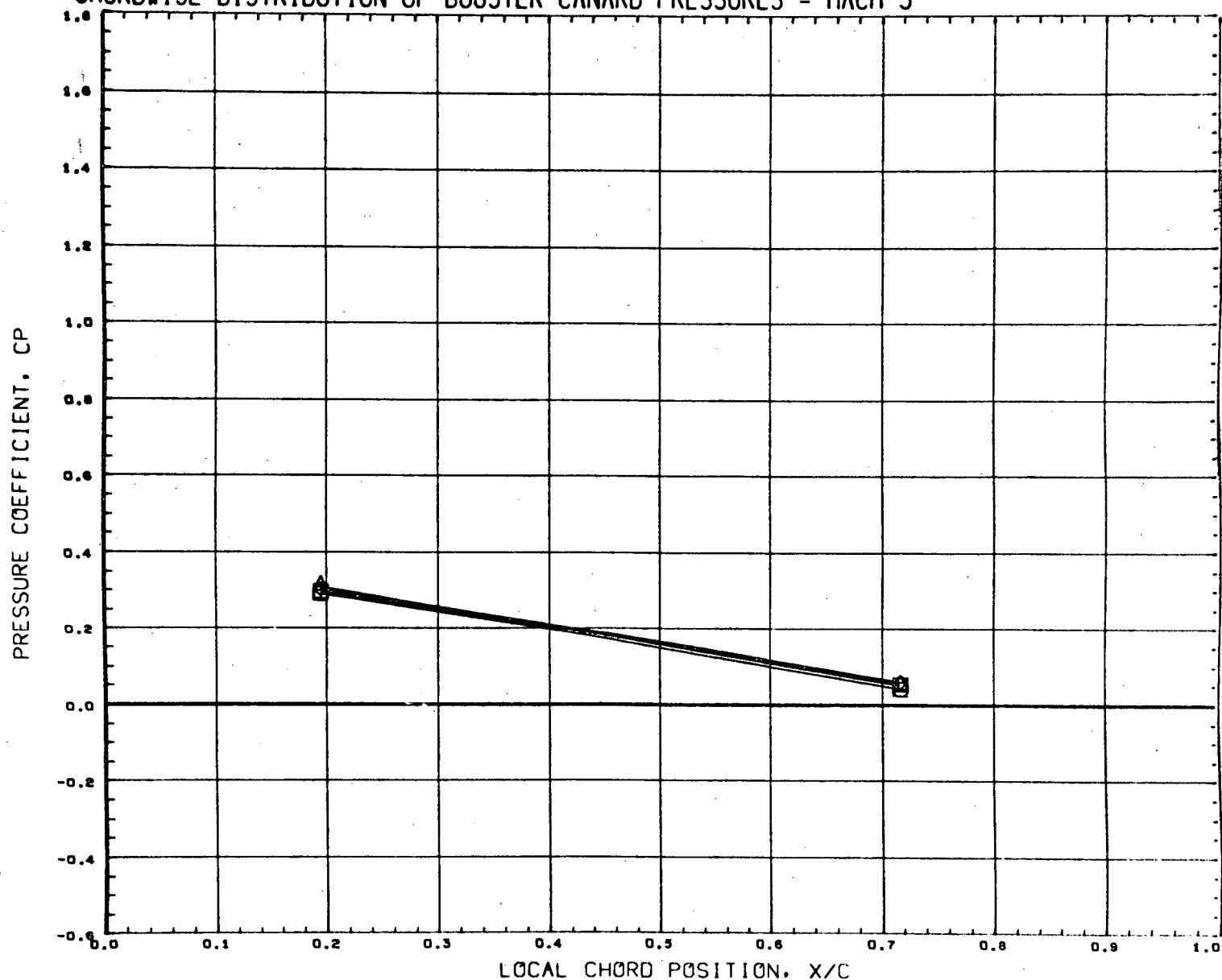
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8513•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

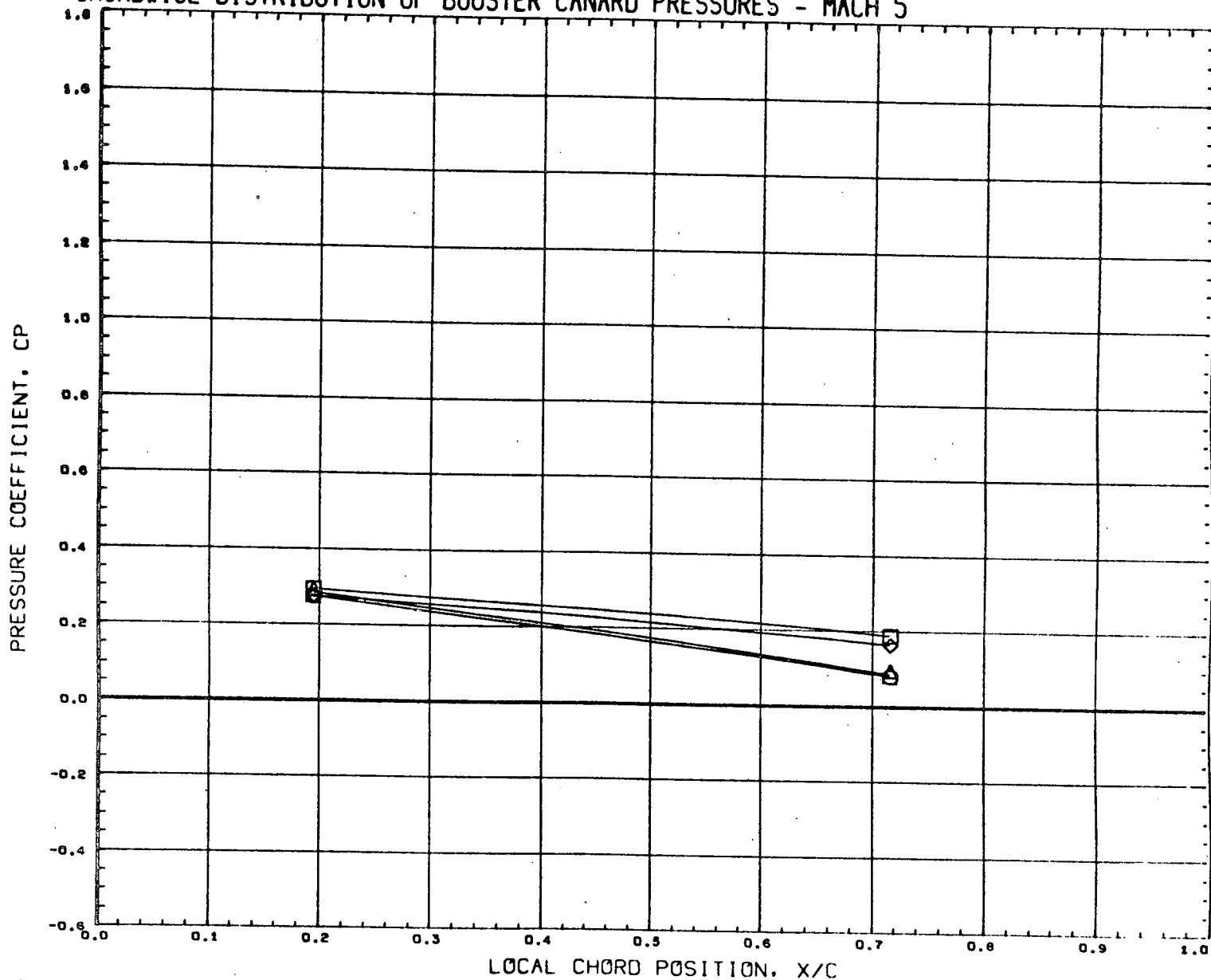
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8514•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

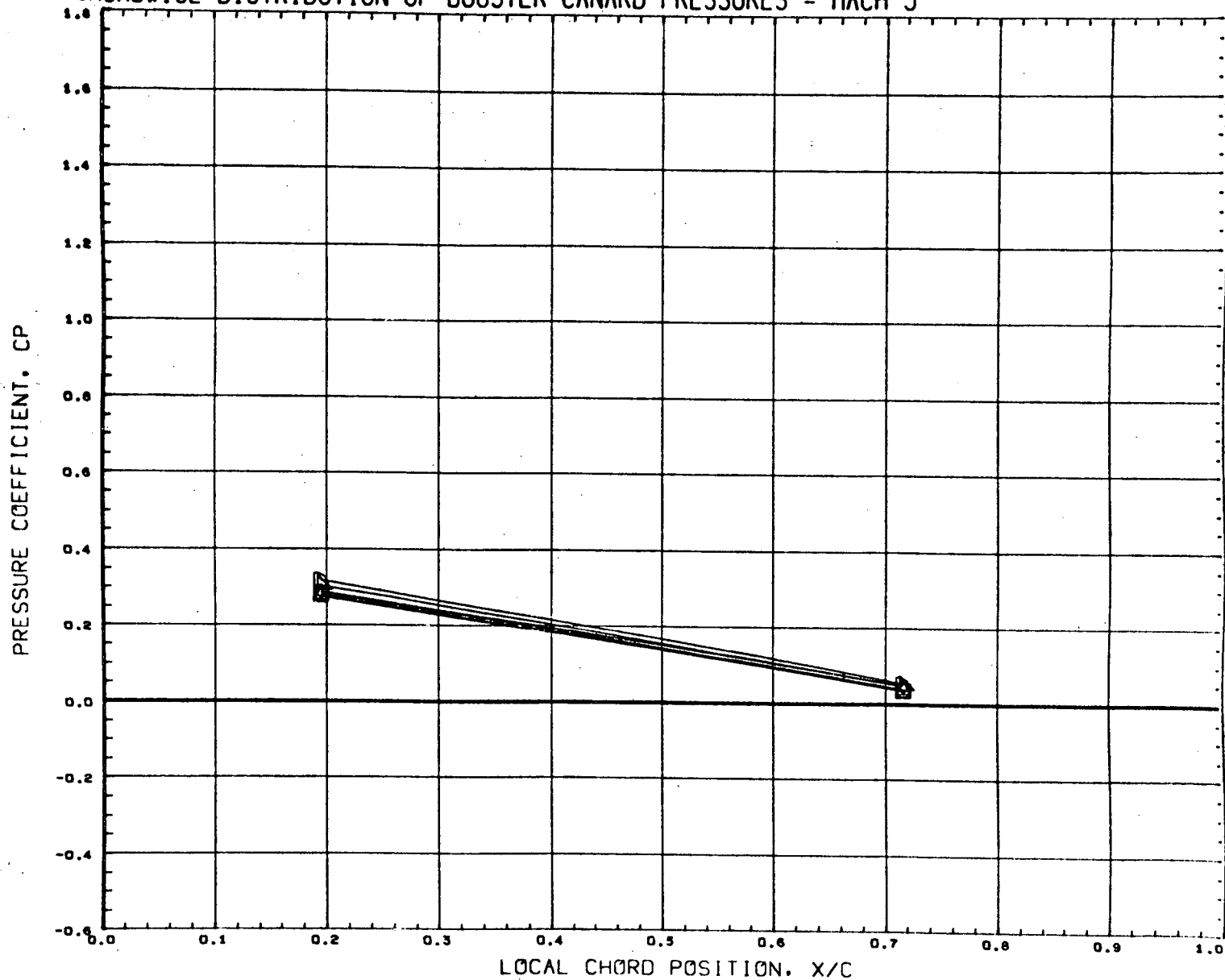
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8514•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

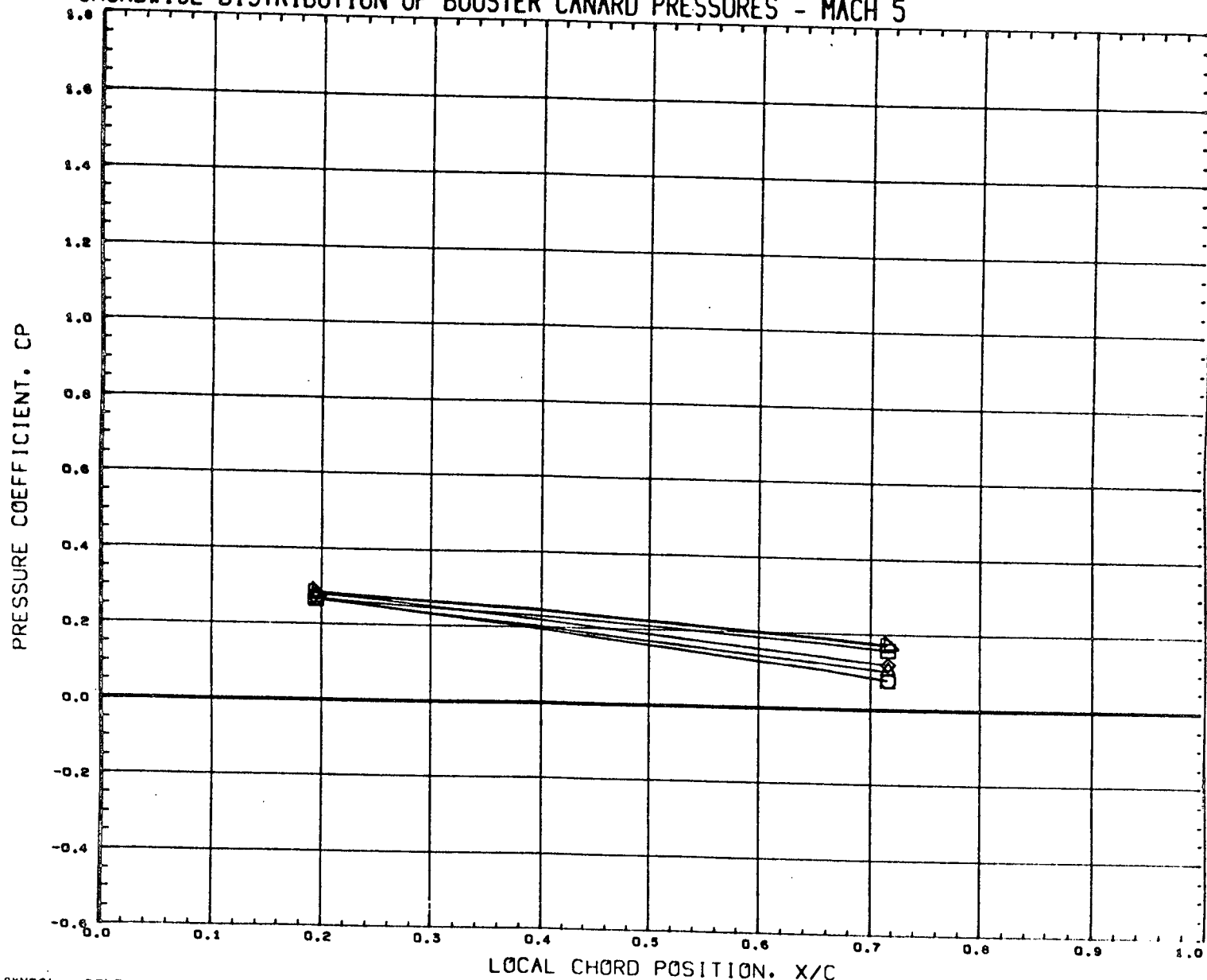


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.120
△	0.143		
◇	0.020		
◊	0.103		
◻	0.227		
◼	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

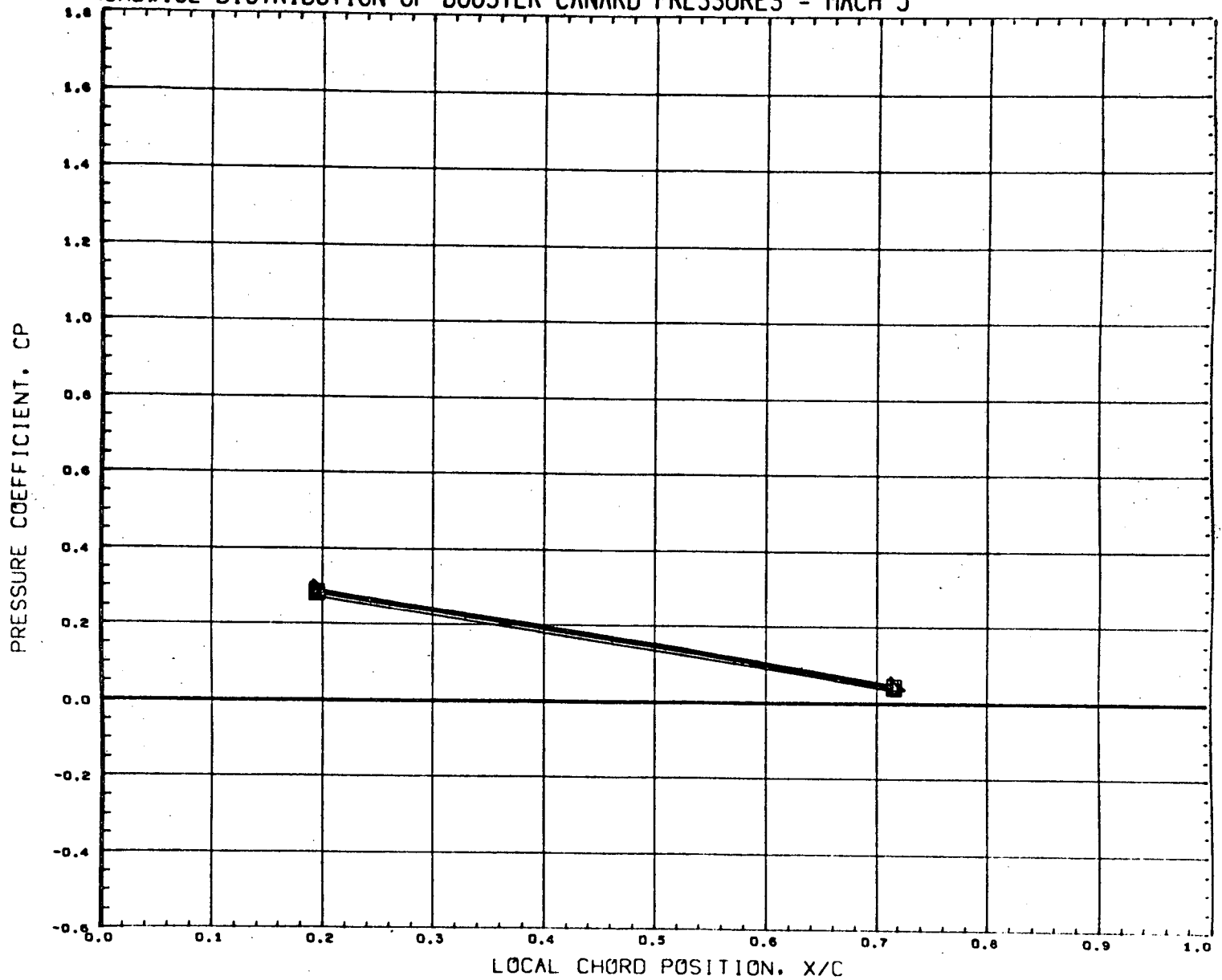


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.879	0.120
-	0.143		
-	0.020		
-	0.103		
-	0.227		
-	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

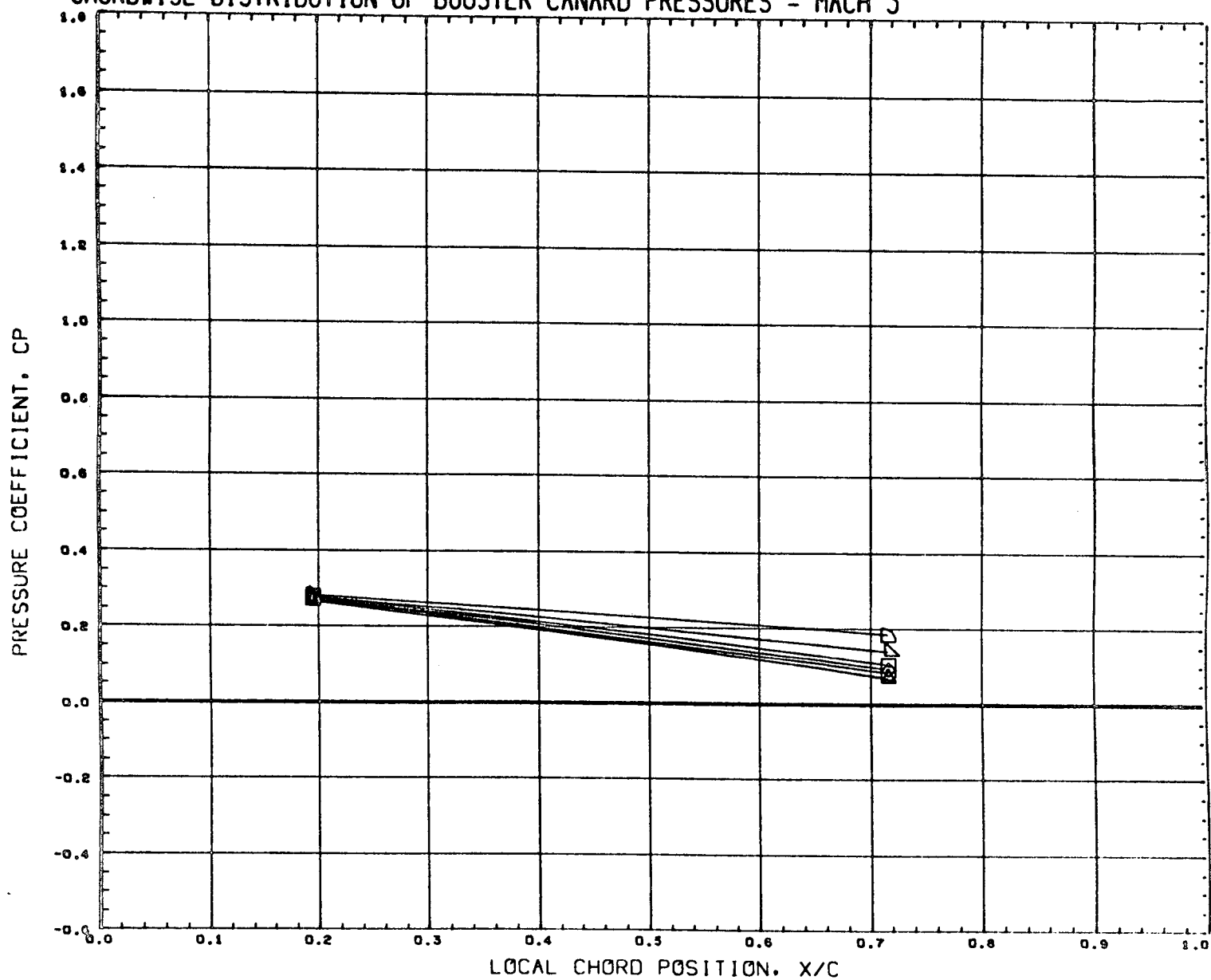


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

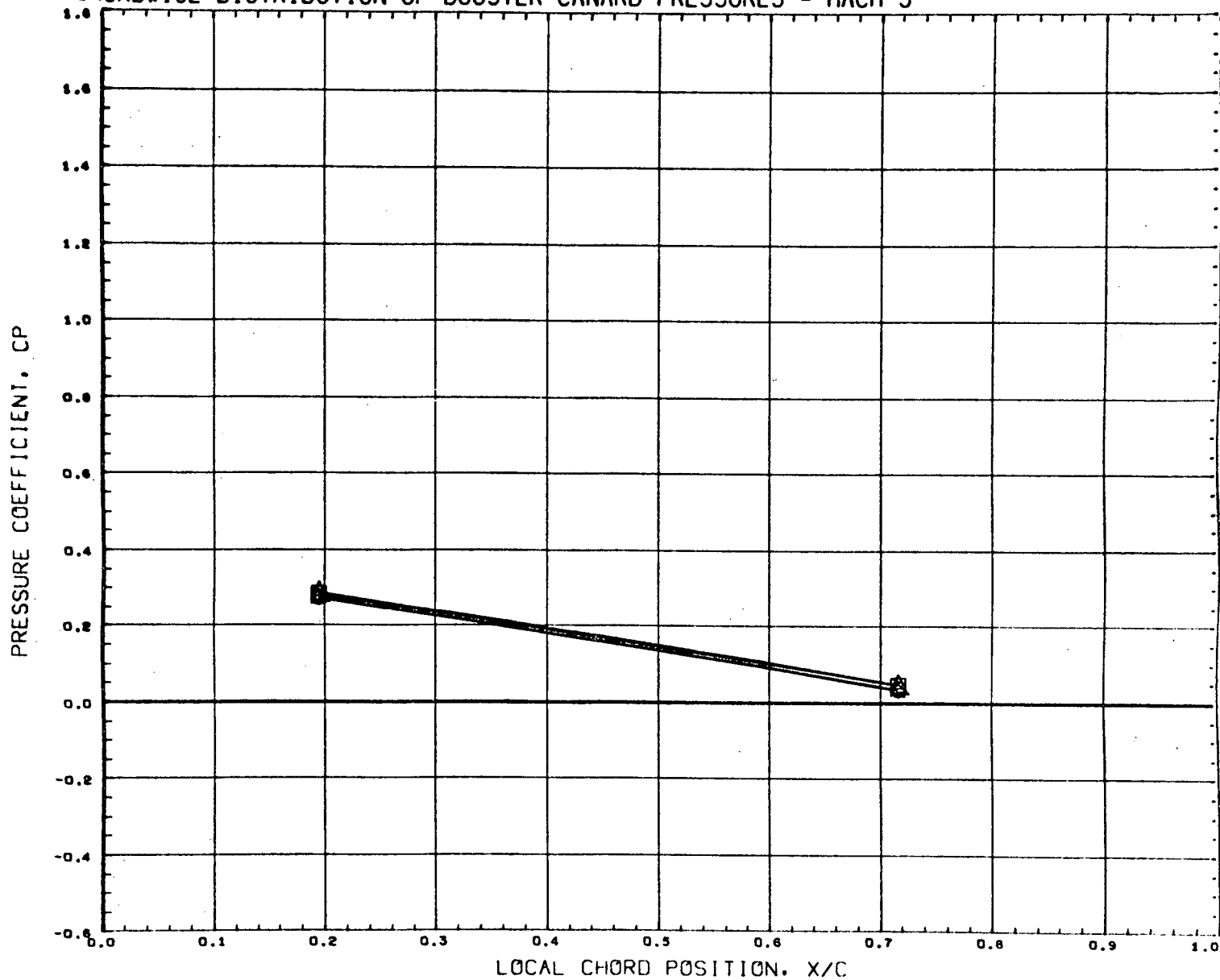


SYMBOL	DELTA X	Y/B	DELTA Z
◇	0.390	0.879	0.151
□	0.143		
△	0.020		
○	0.103		
+	0.227		
	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

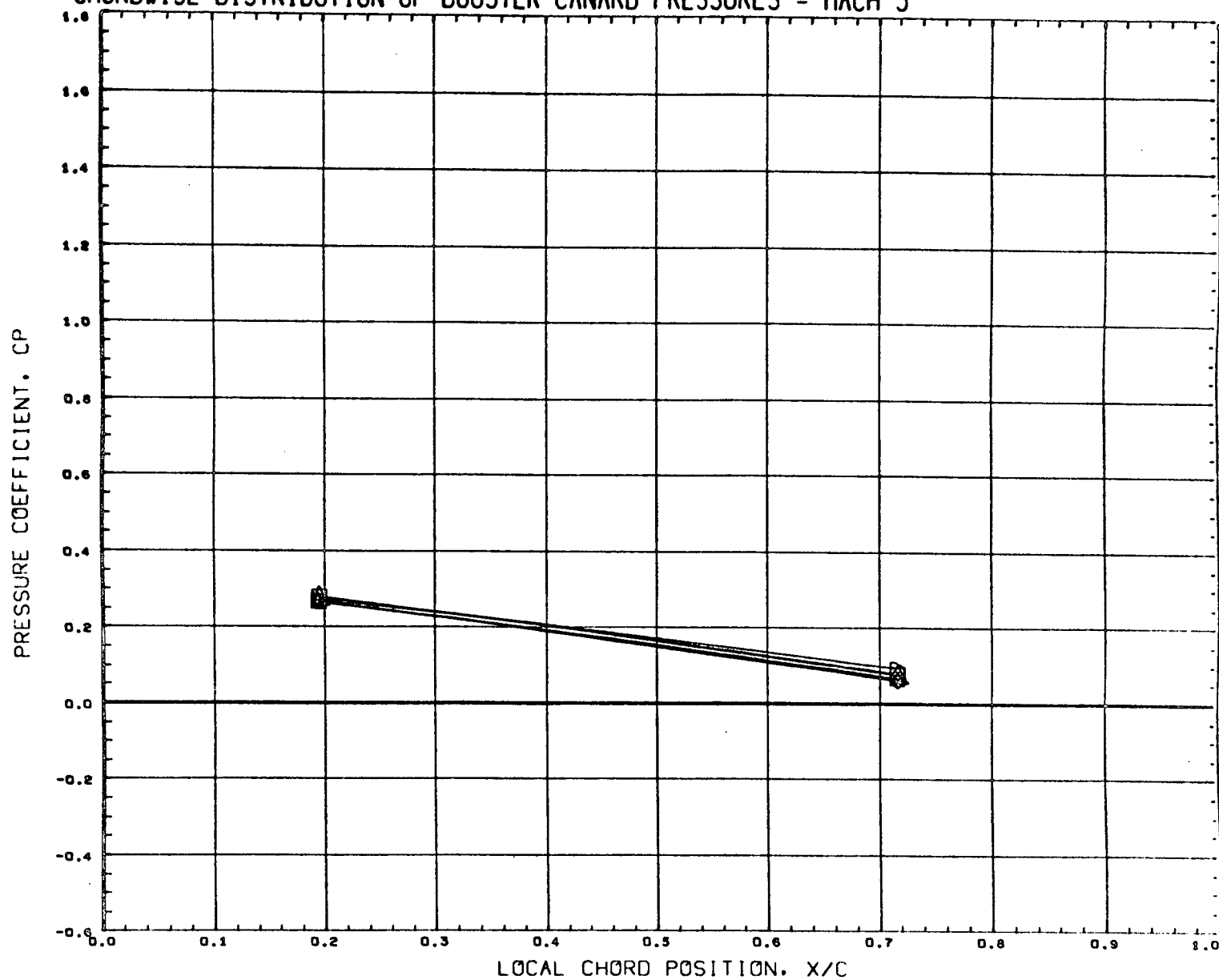


SYMBOL	DELTA X	Y/B	DELTA Z
□	- 0.390	0.565	0.228
◇	- 0.143		
△	- 0.020		
▽	0.103		
◻	0.227		
◼	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

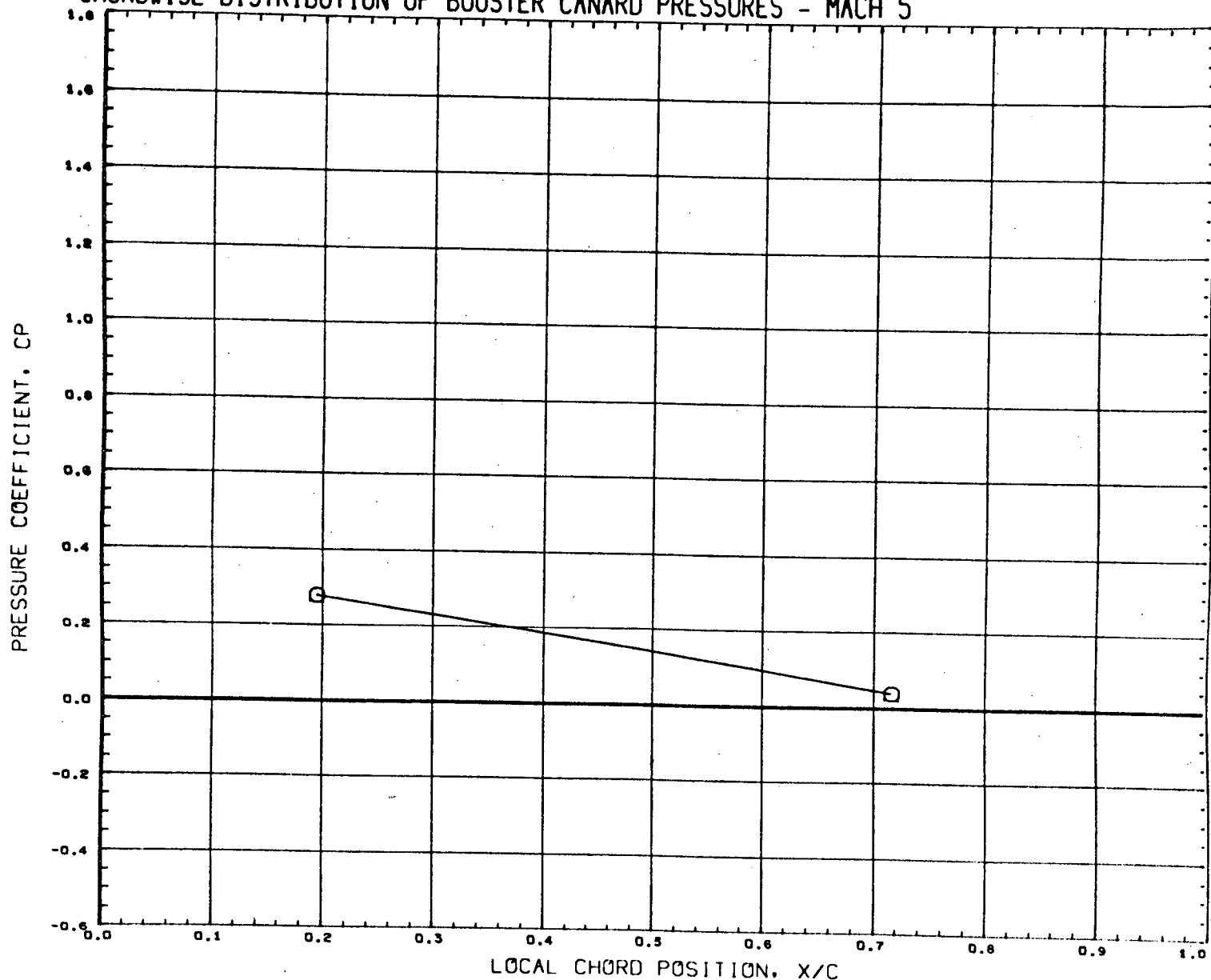
CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.879	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▧	0.227		
▨	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.565 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 9.020
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

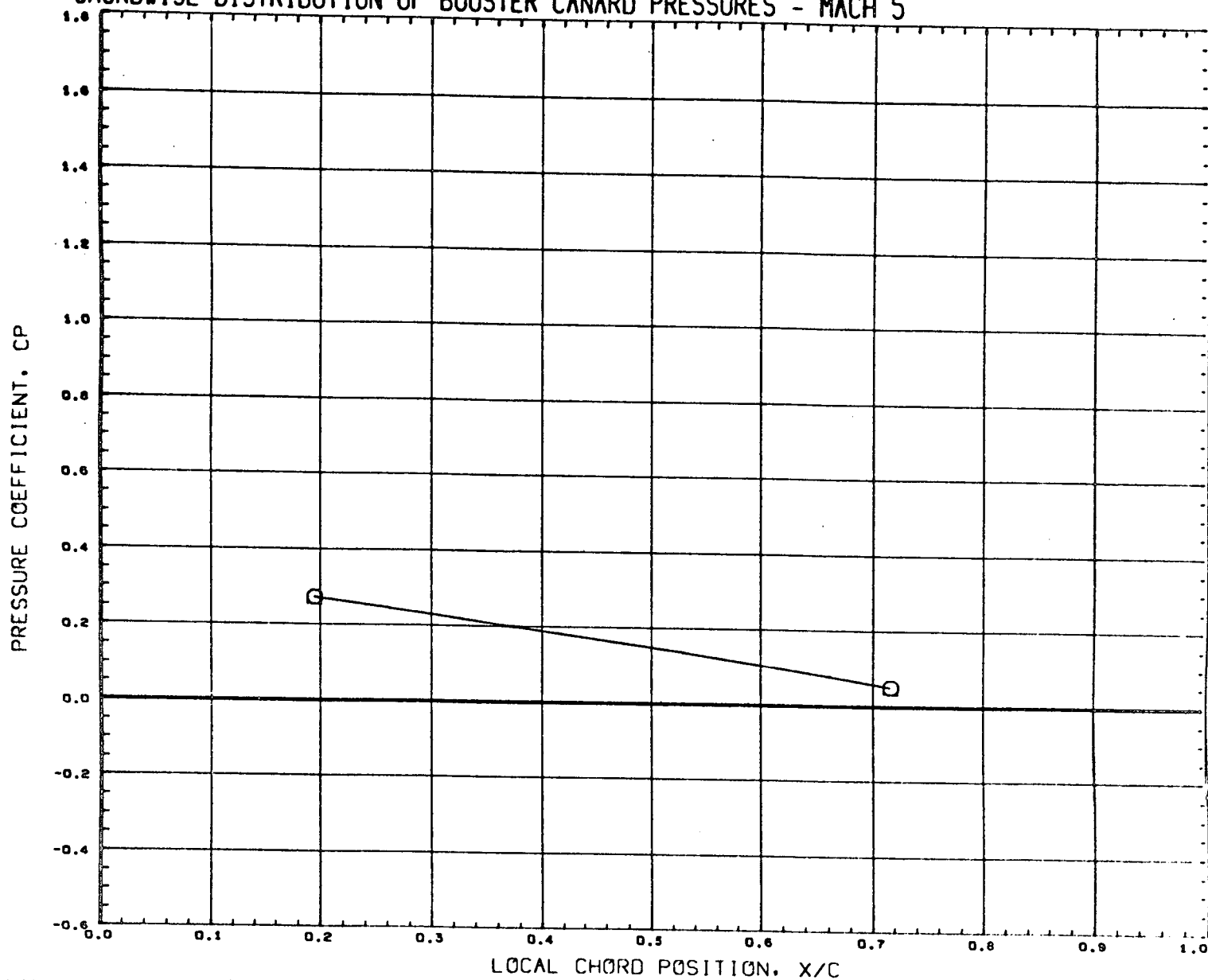
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

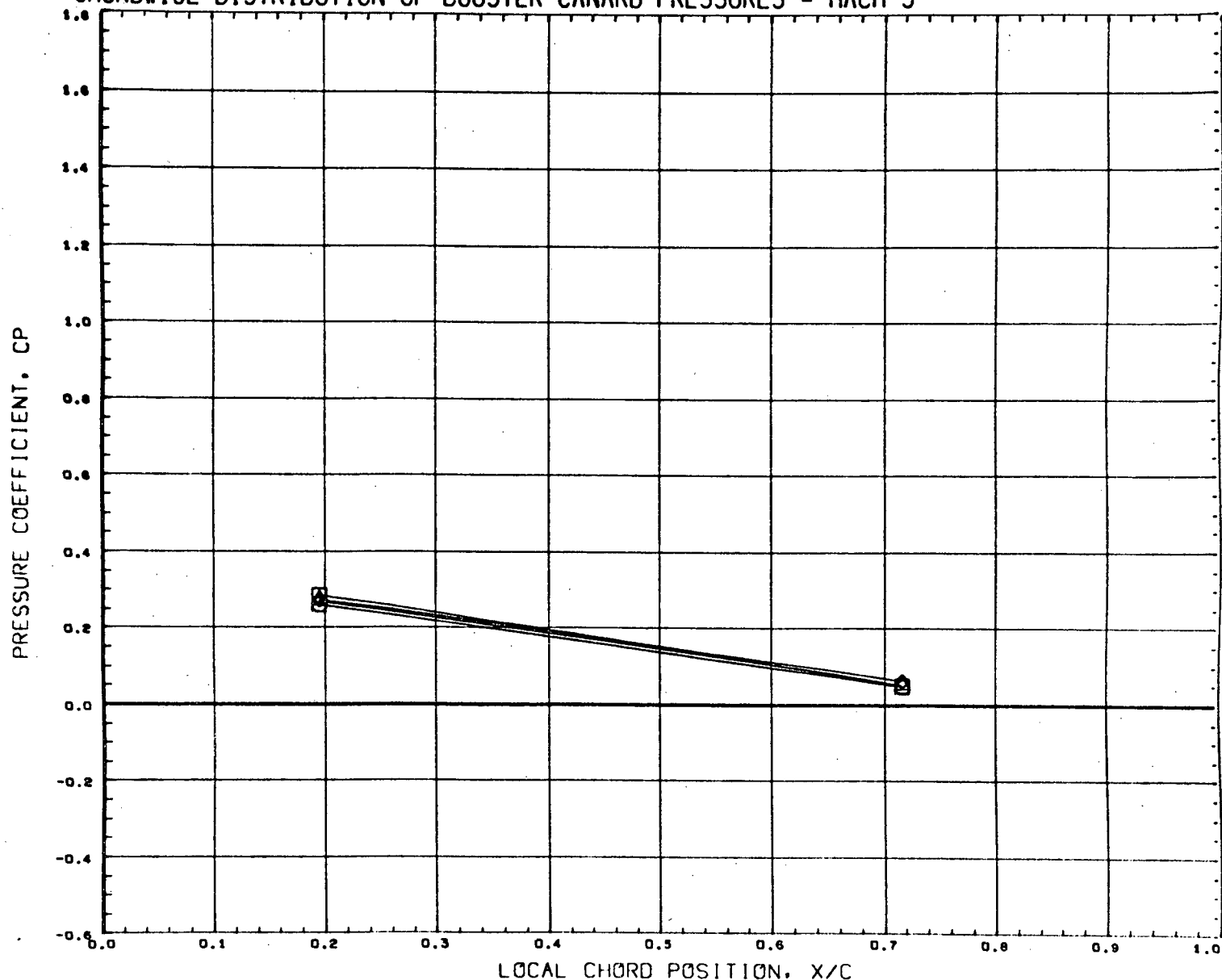
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

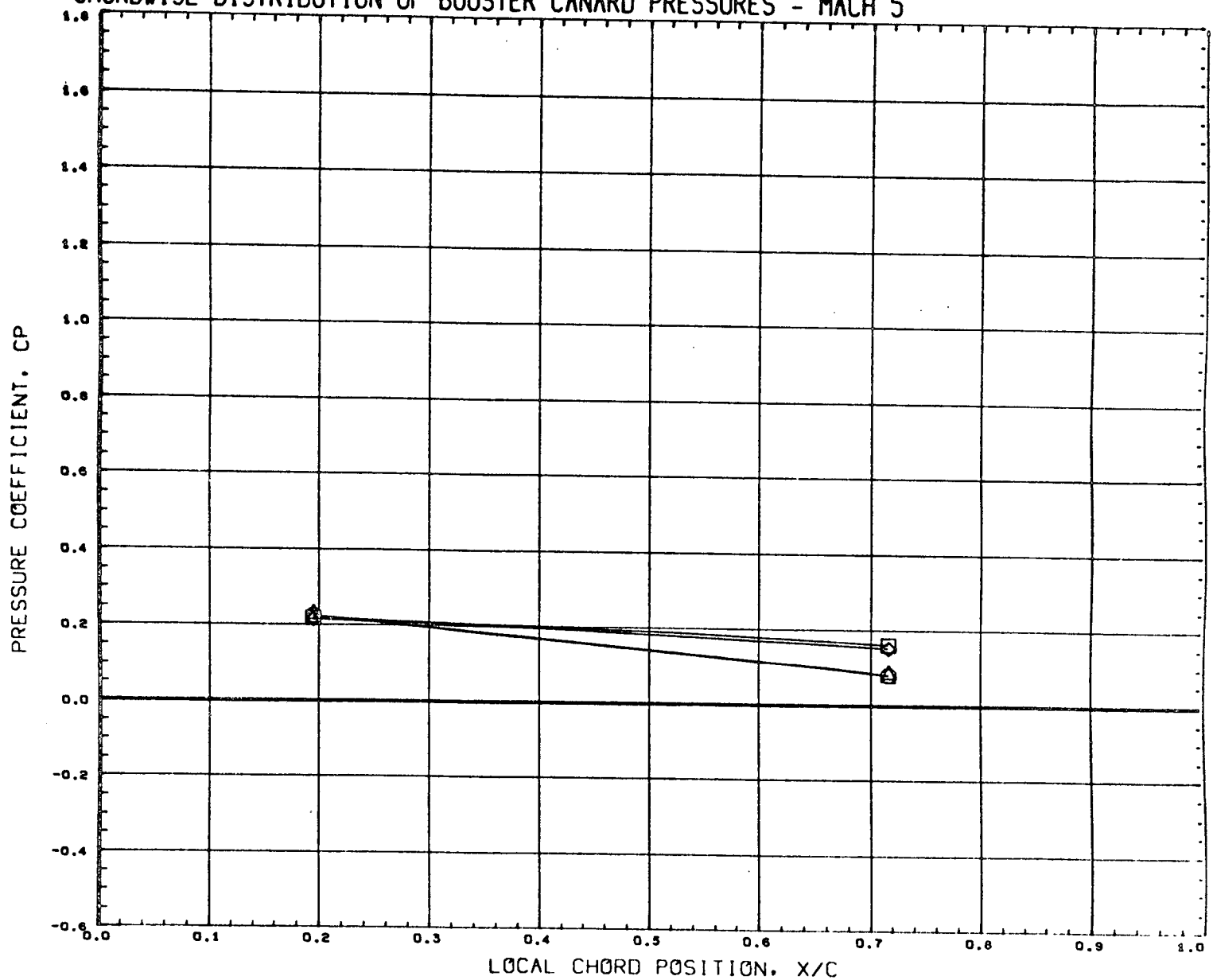
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.003
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

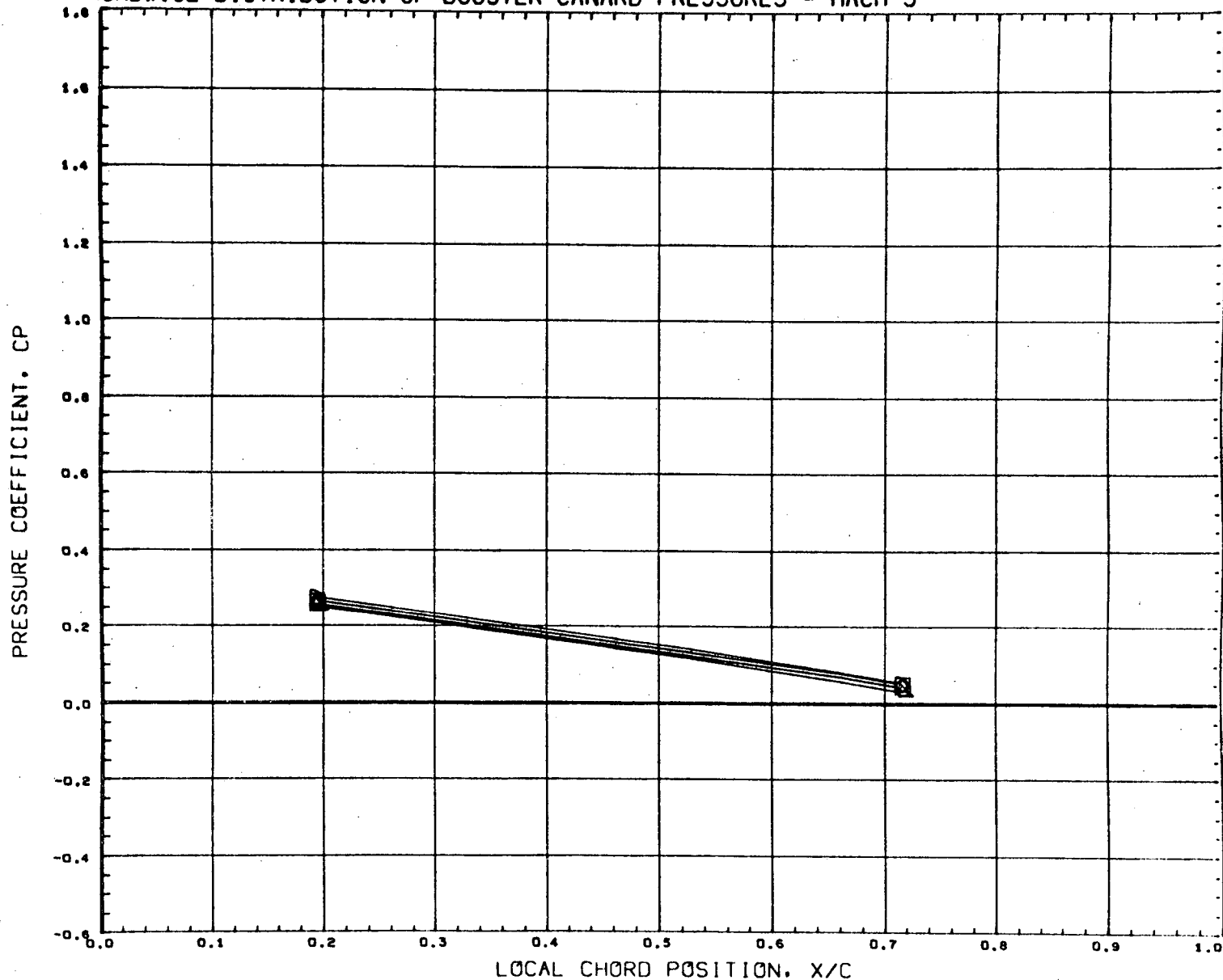
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8515•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

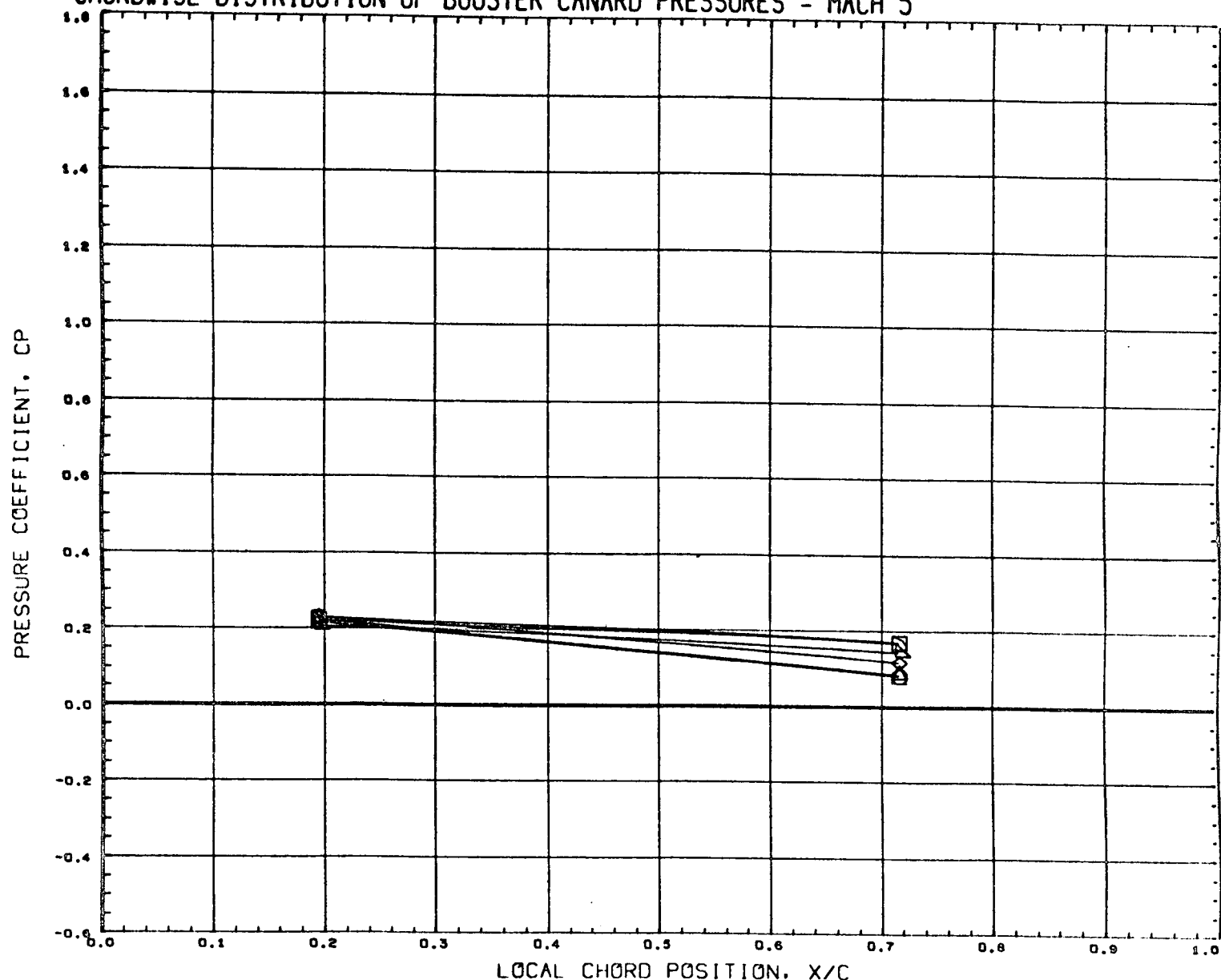


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

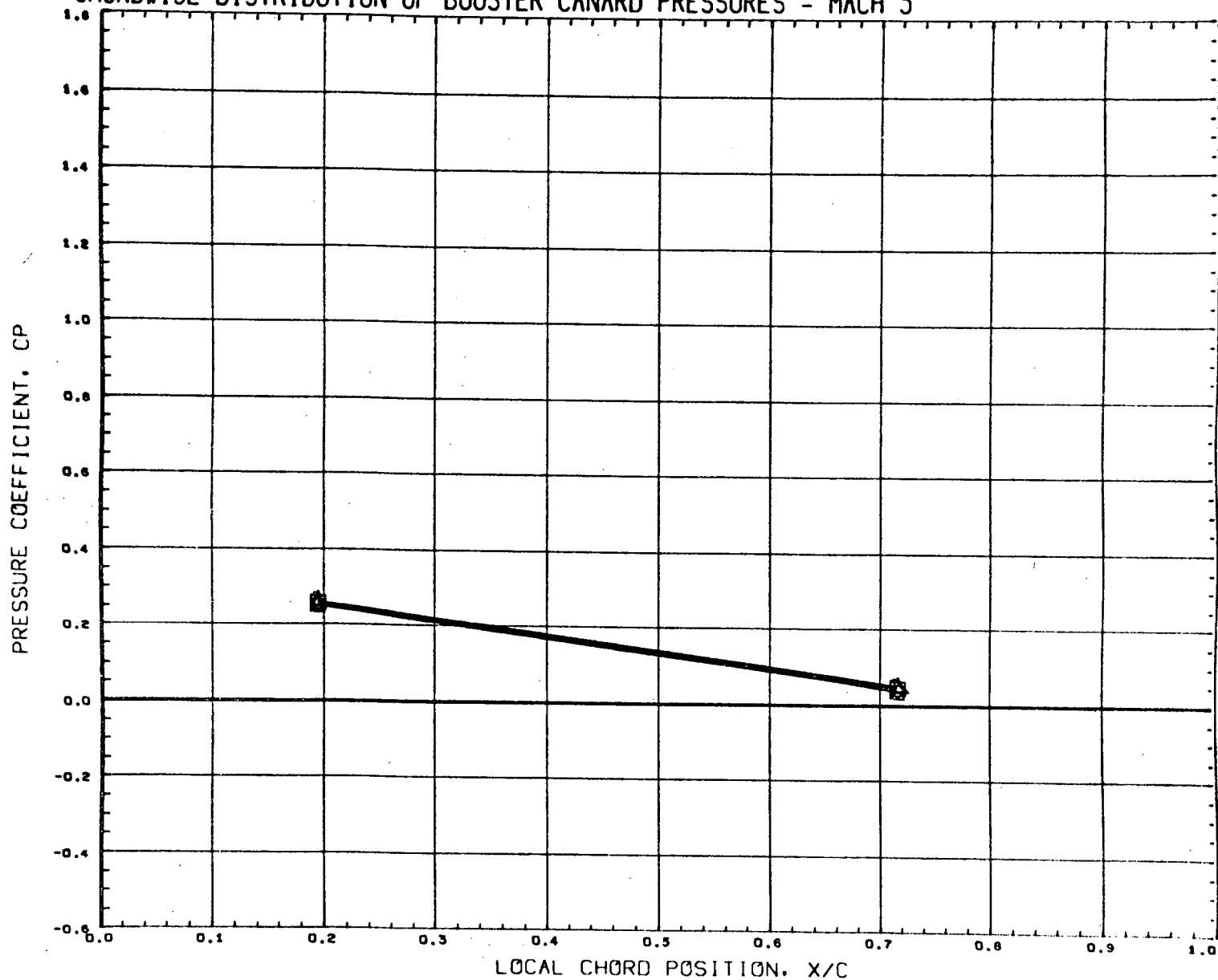


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.879	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◻	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

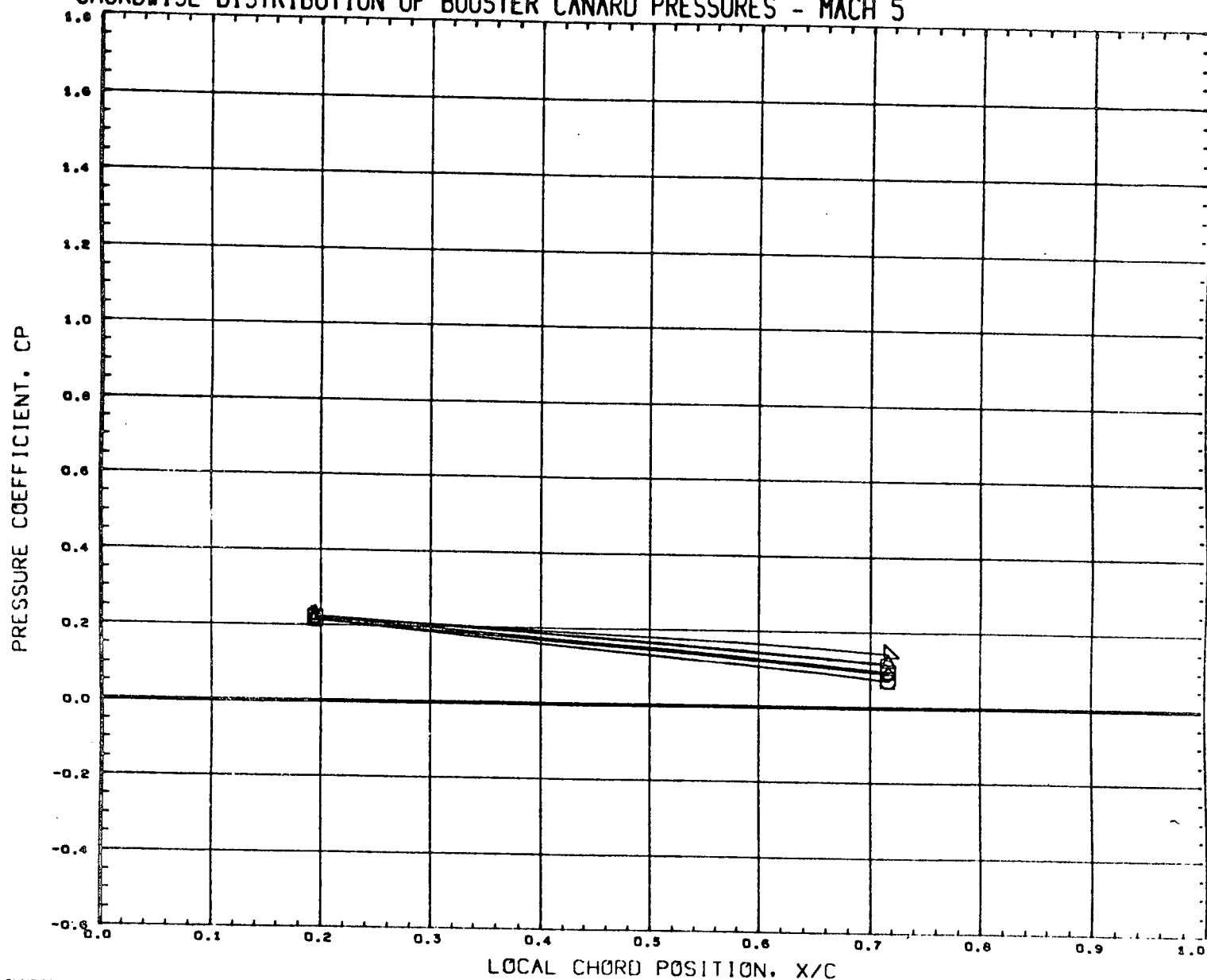


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.151
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.879	0.151
◇	0.143		
◻	0.020		
△	0.103		
+	0.227		
	0.350		

REFERENCE FILE

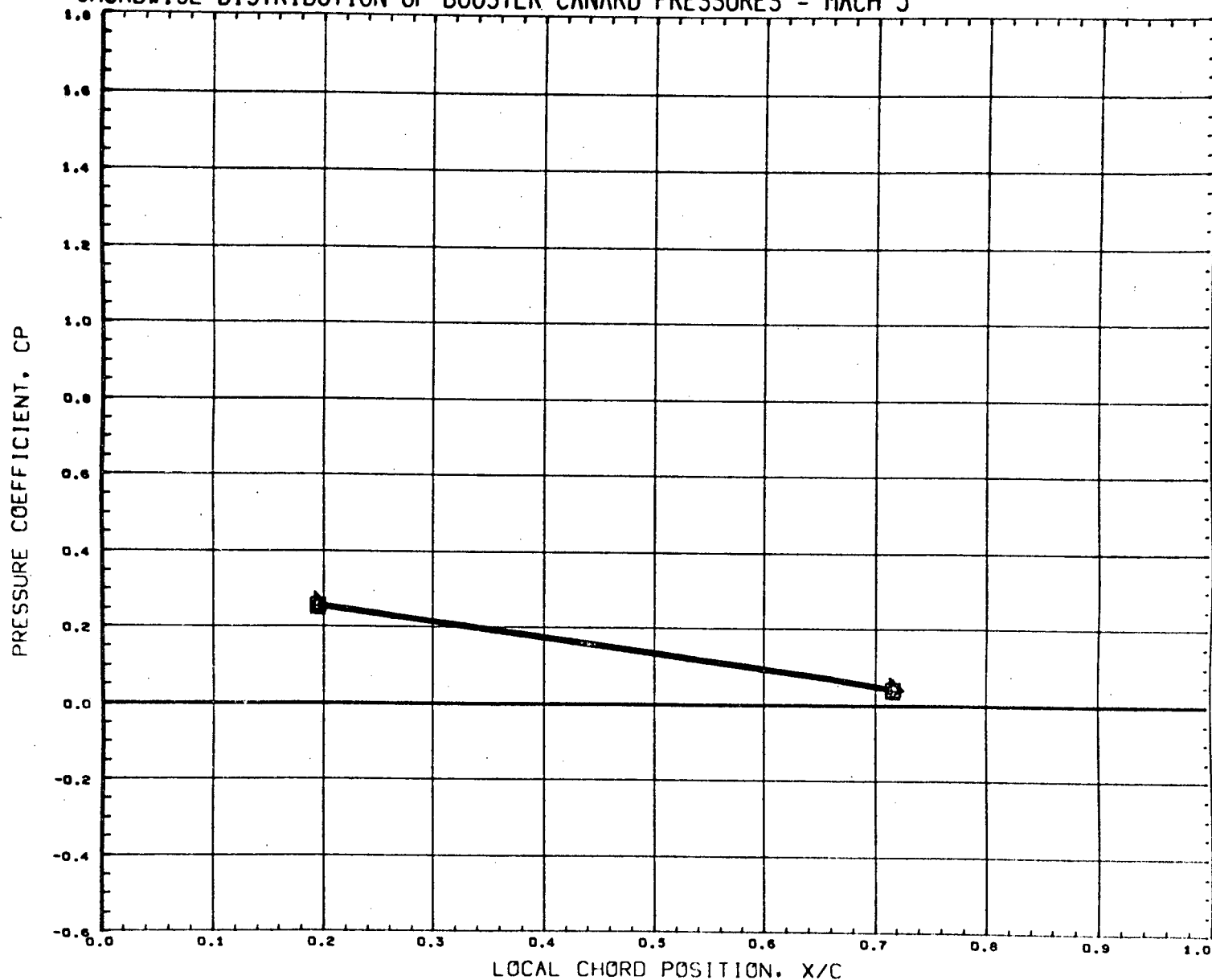
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

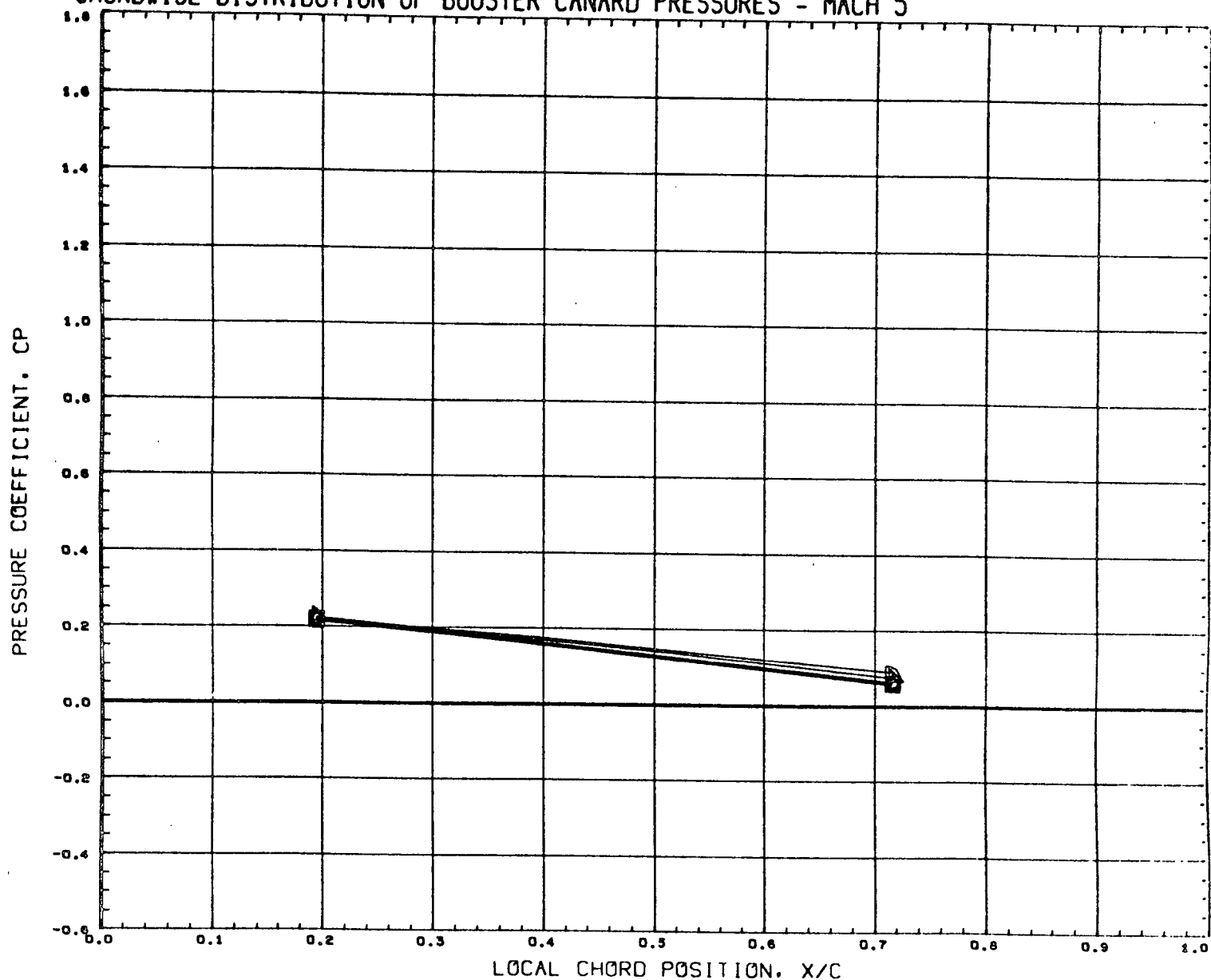


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.228
◇	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▤	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

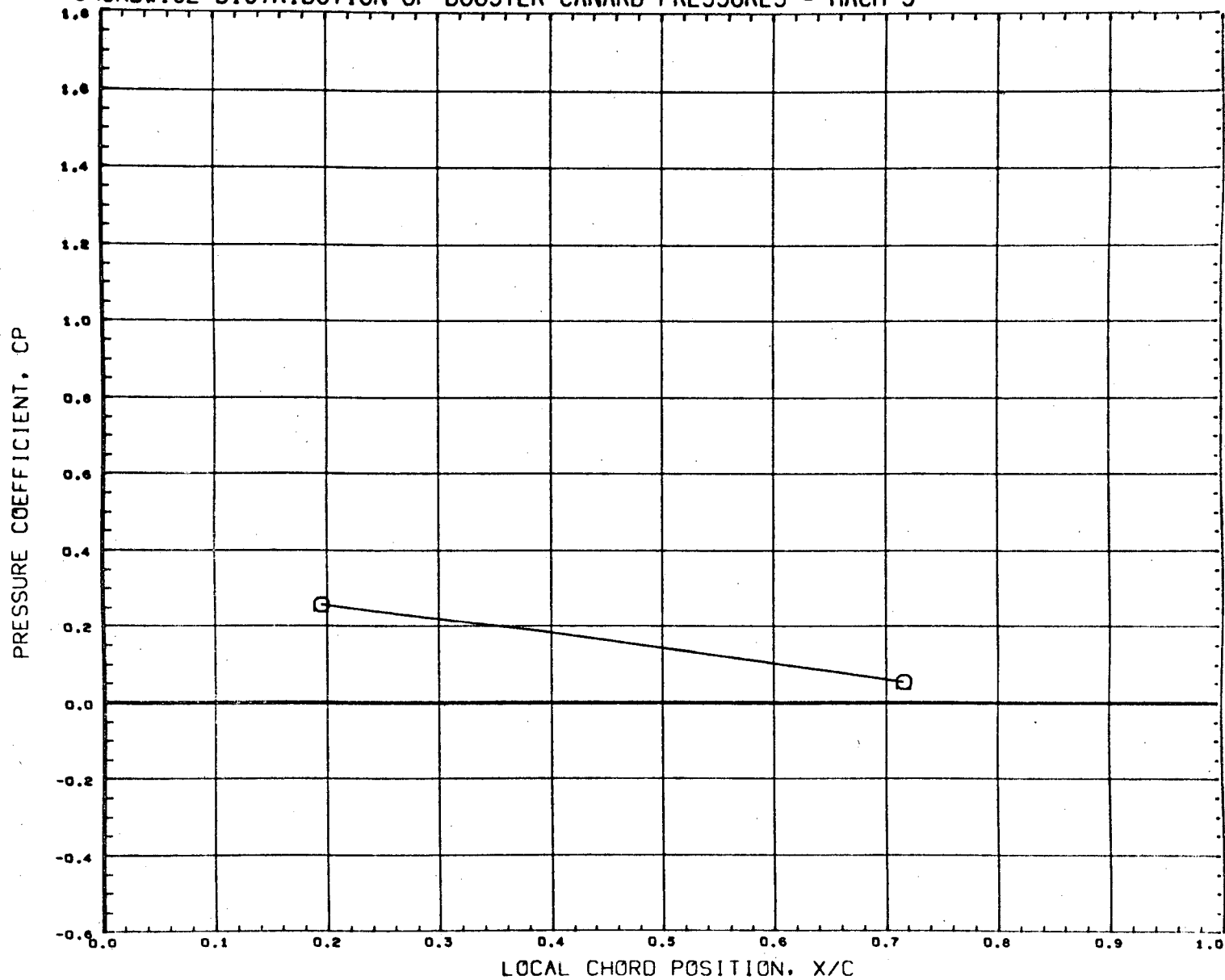


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.879	0.228
△	0.143		
◇	0.020		
□	0.103		
▽	0.227		
◇	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

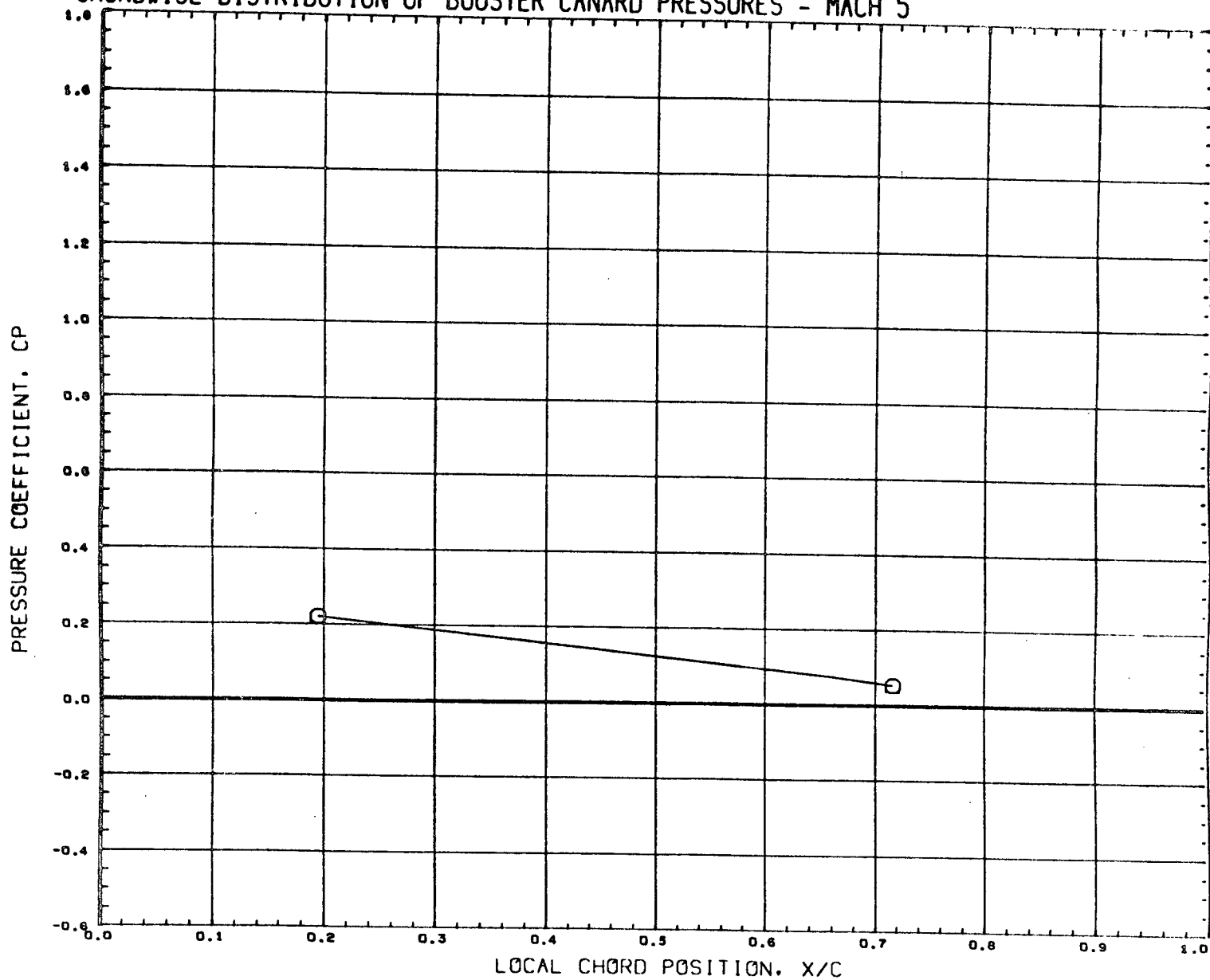
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.879 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHA2 10.063
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

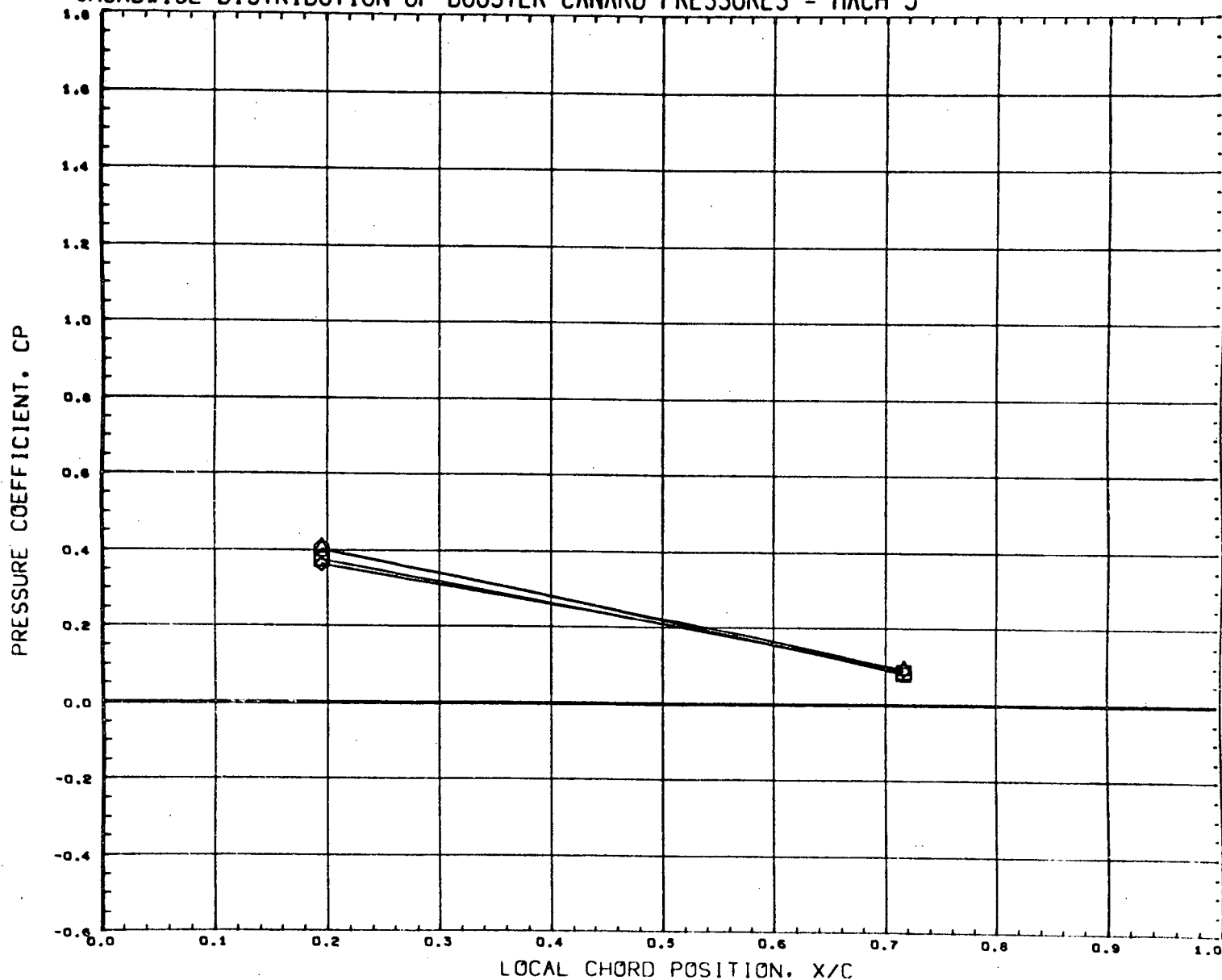
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8515•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	- 9.932
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

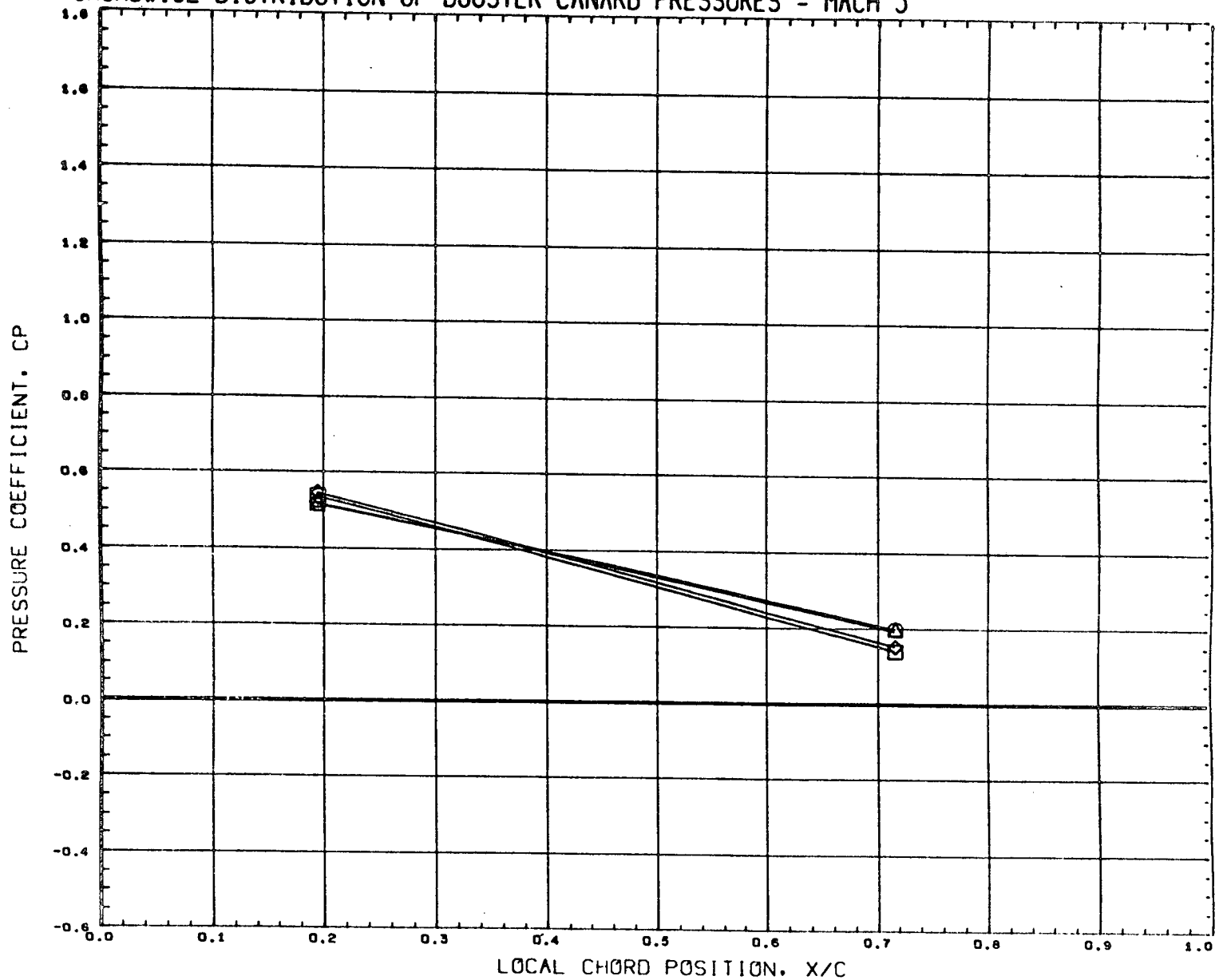
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8521•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.932
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

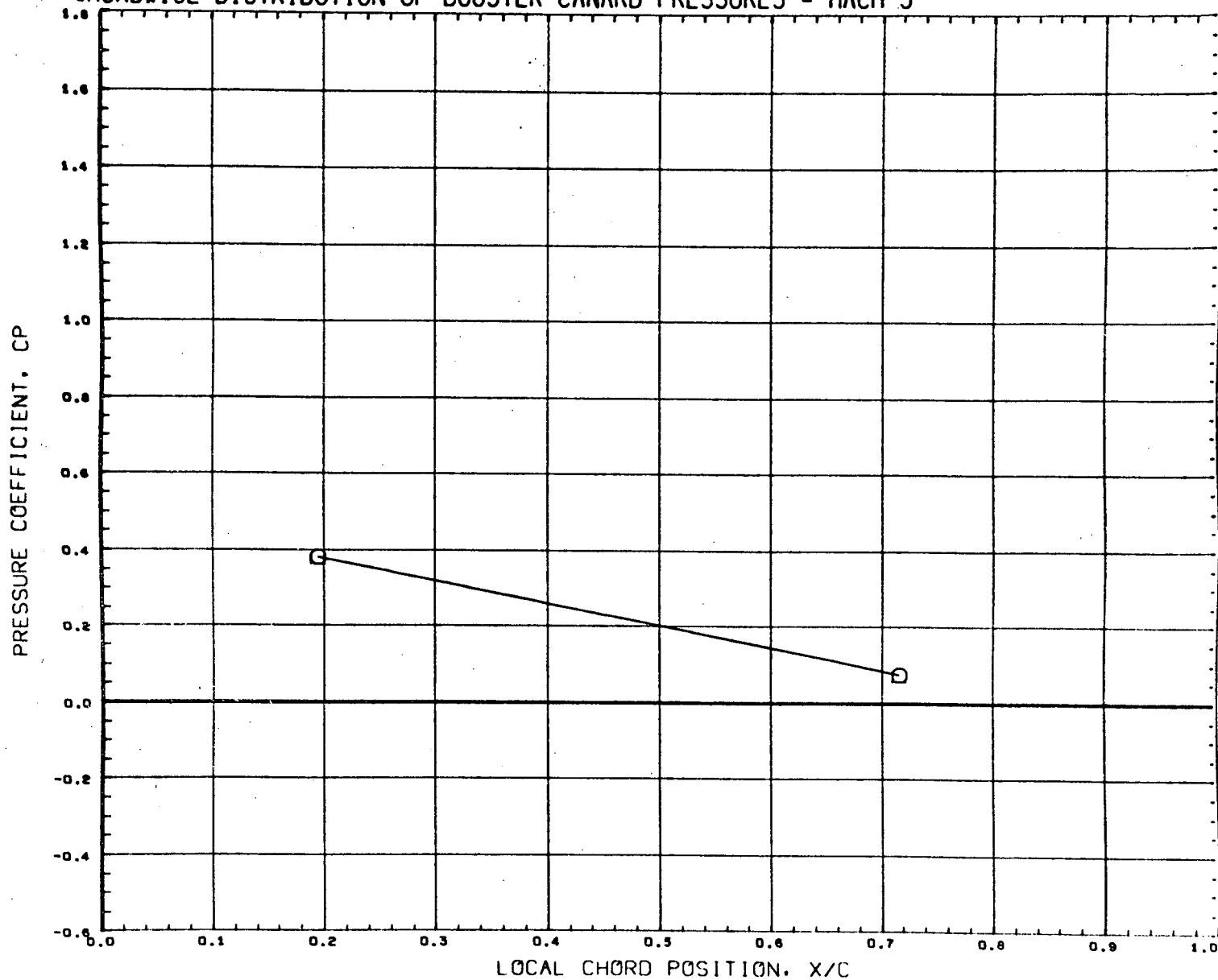
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8521•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

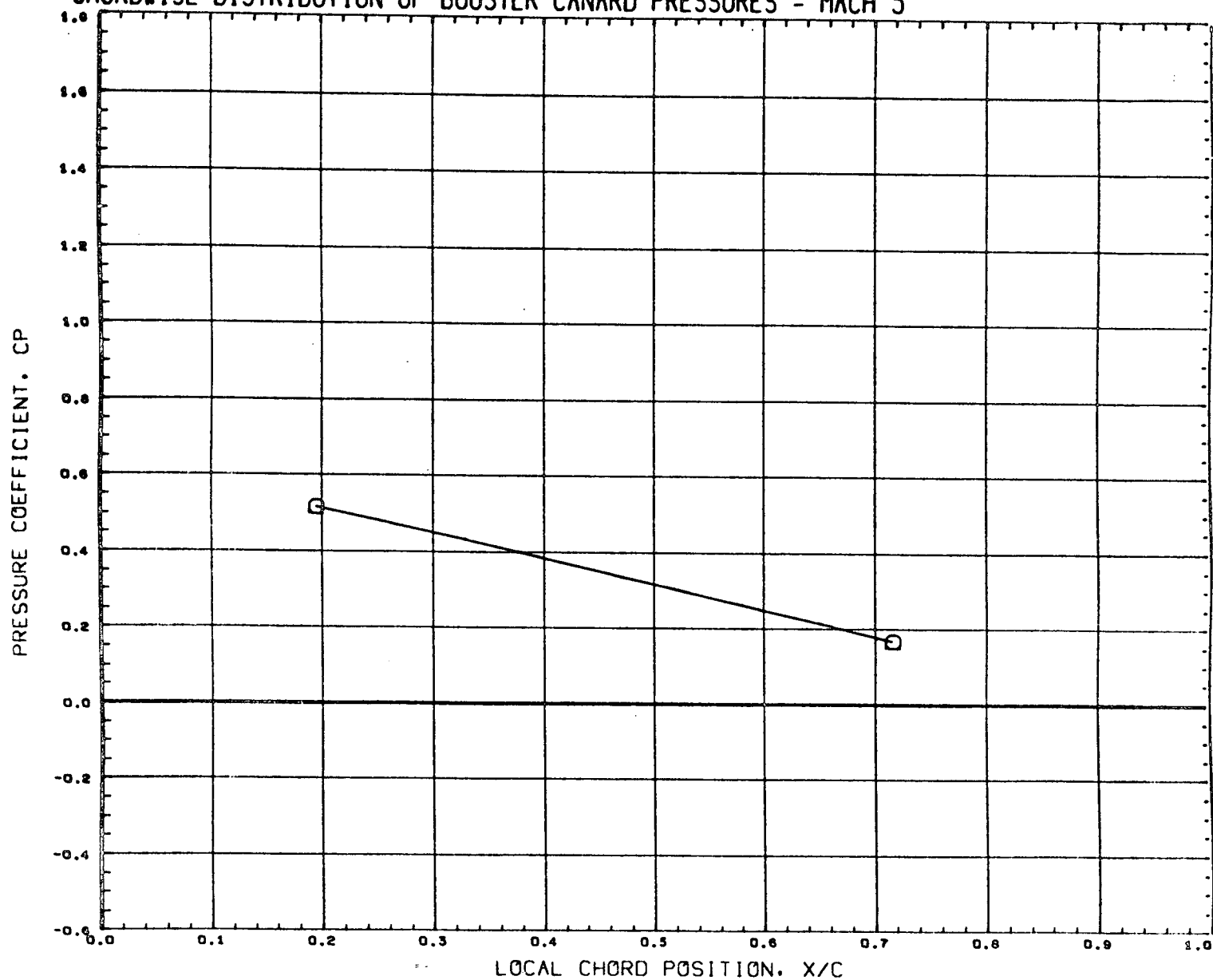
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8521•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.679	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

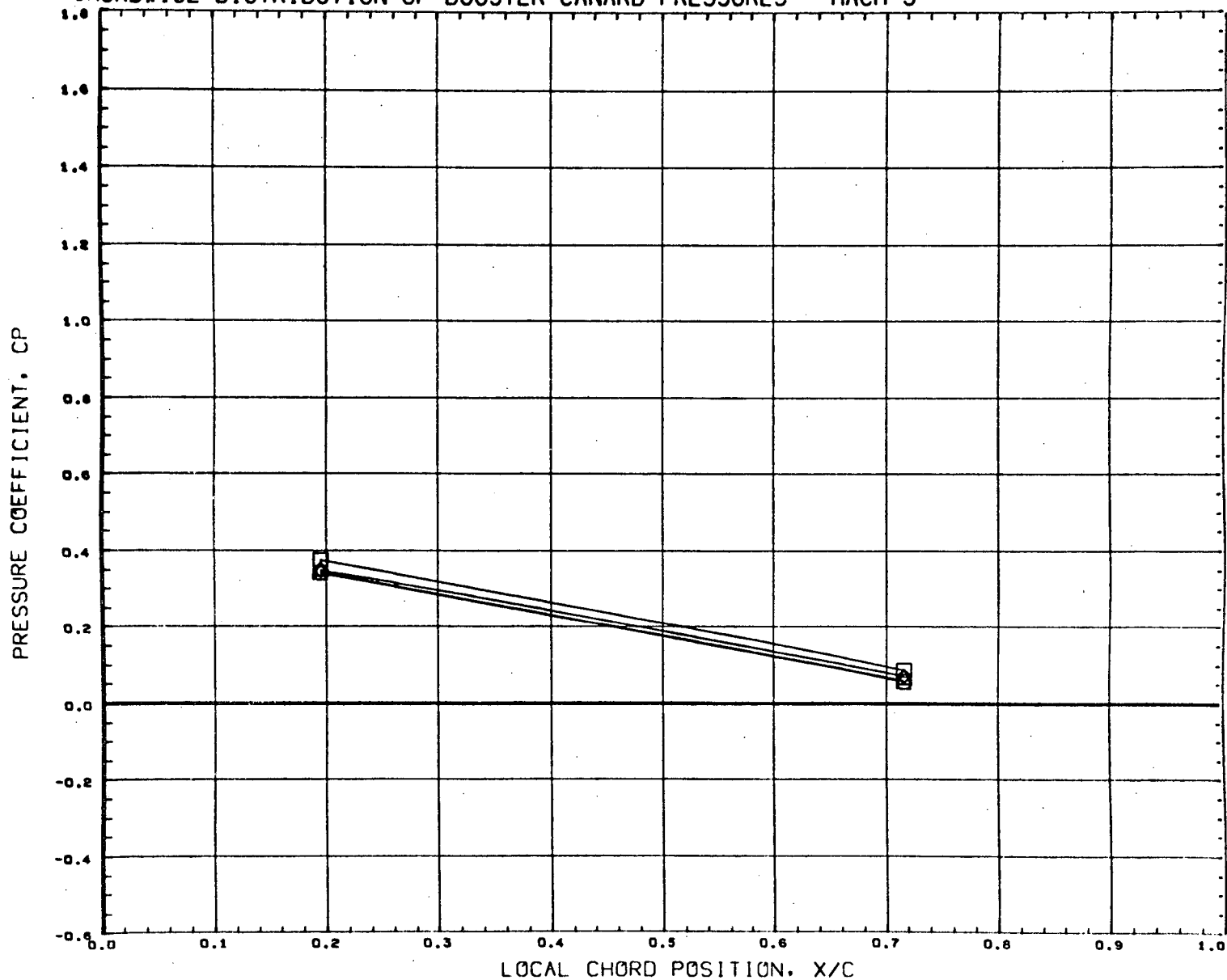
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8521•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.908
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

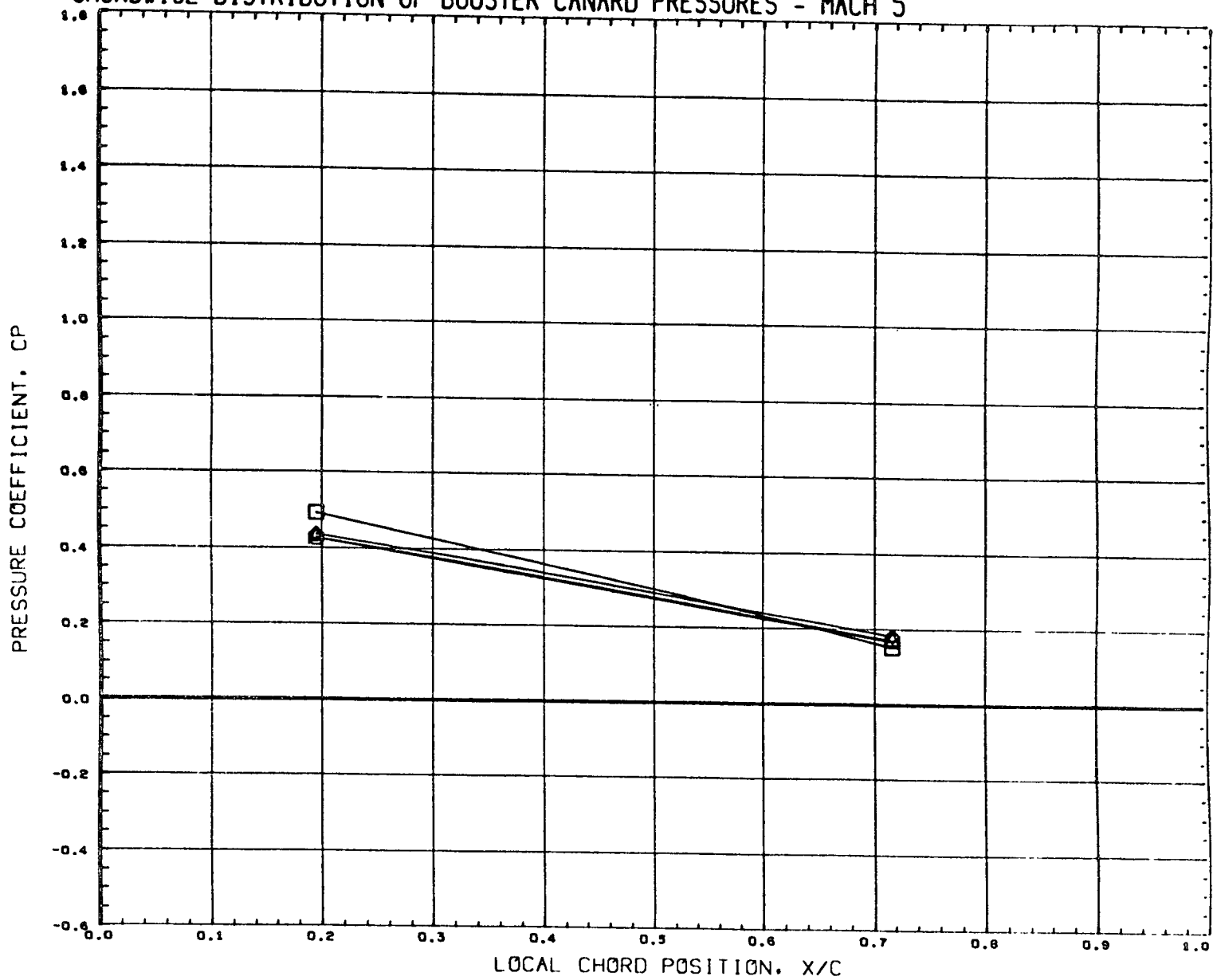
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8522•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

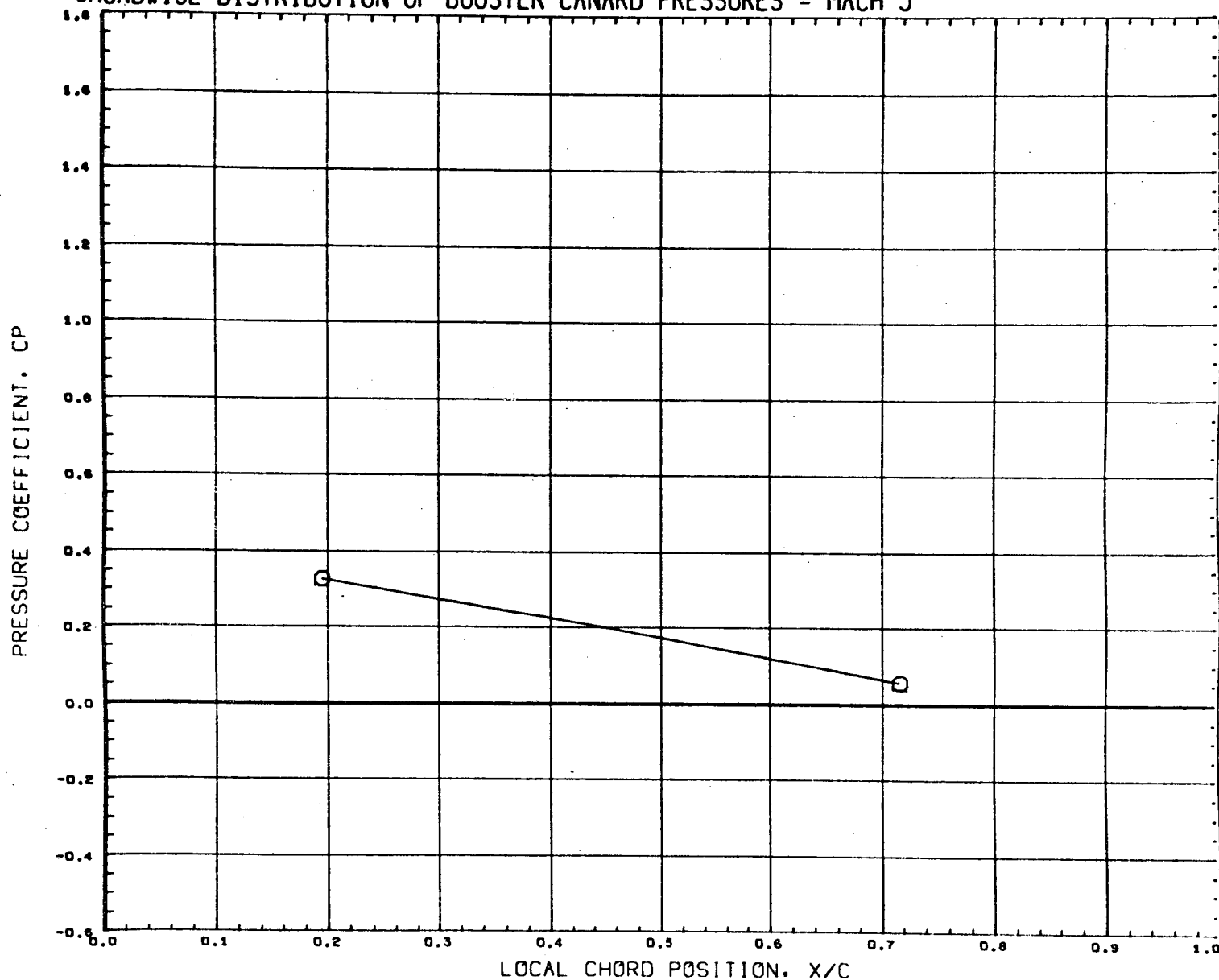
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8522•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.908
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

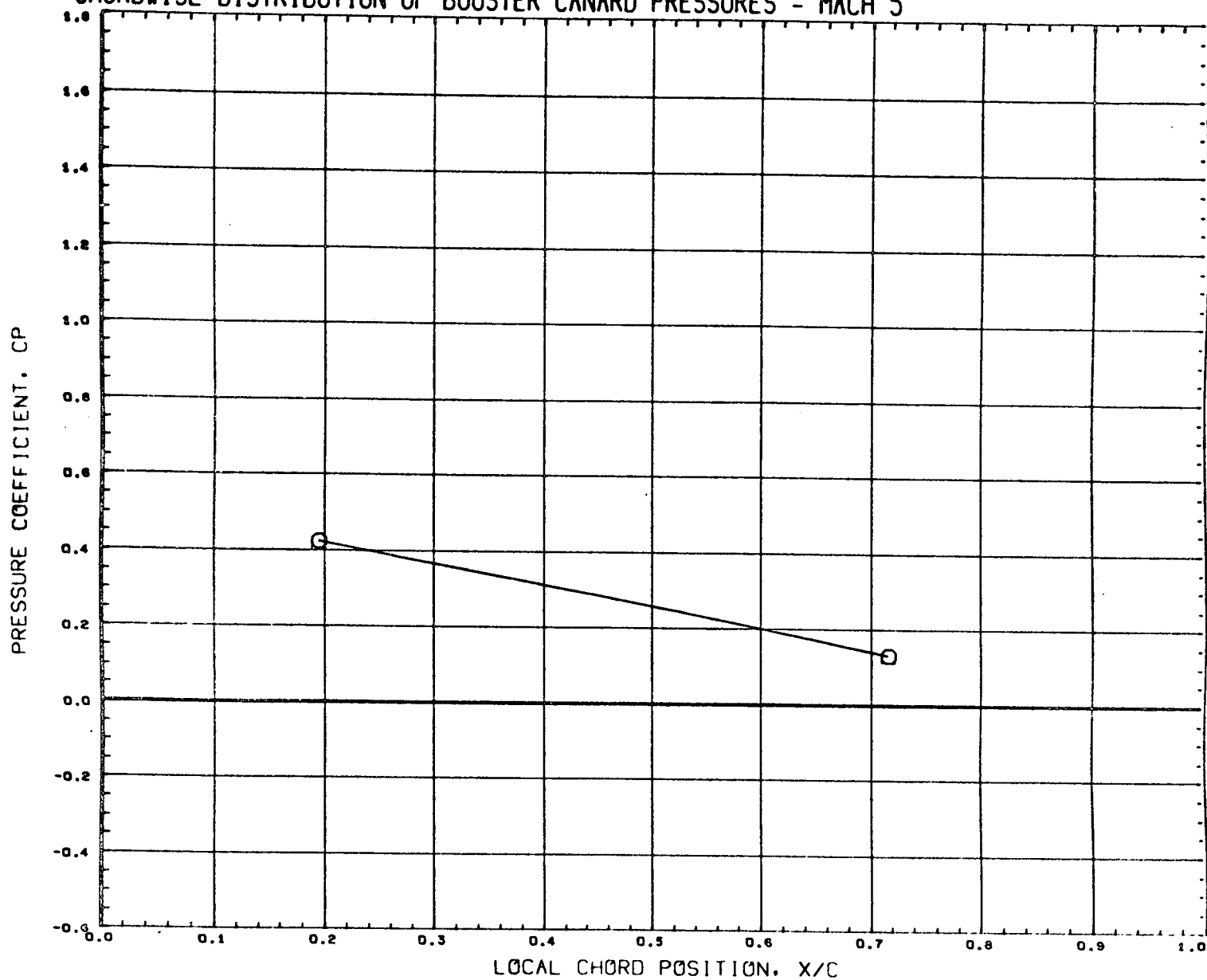
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8522•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 () 0.520 0.879 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.908
 MACH 4.940 ALPHA1 0.000
 ORBPOW 50.000 BSTPOW 100.000

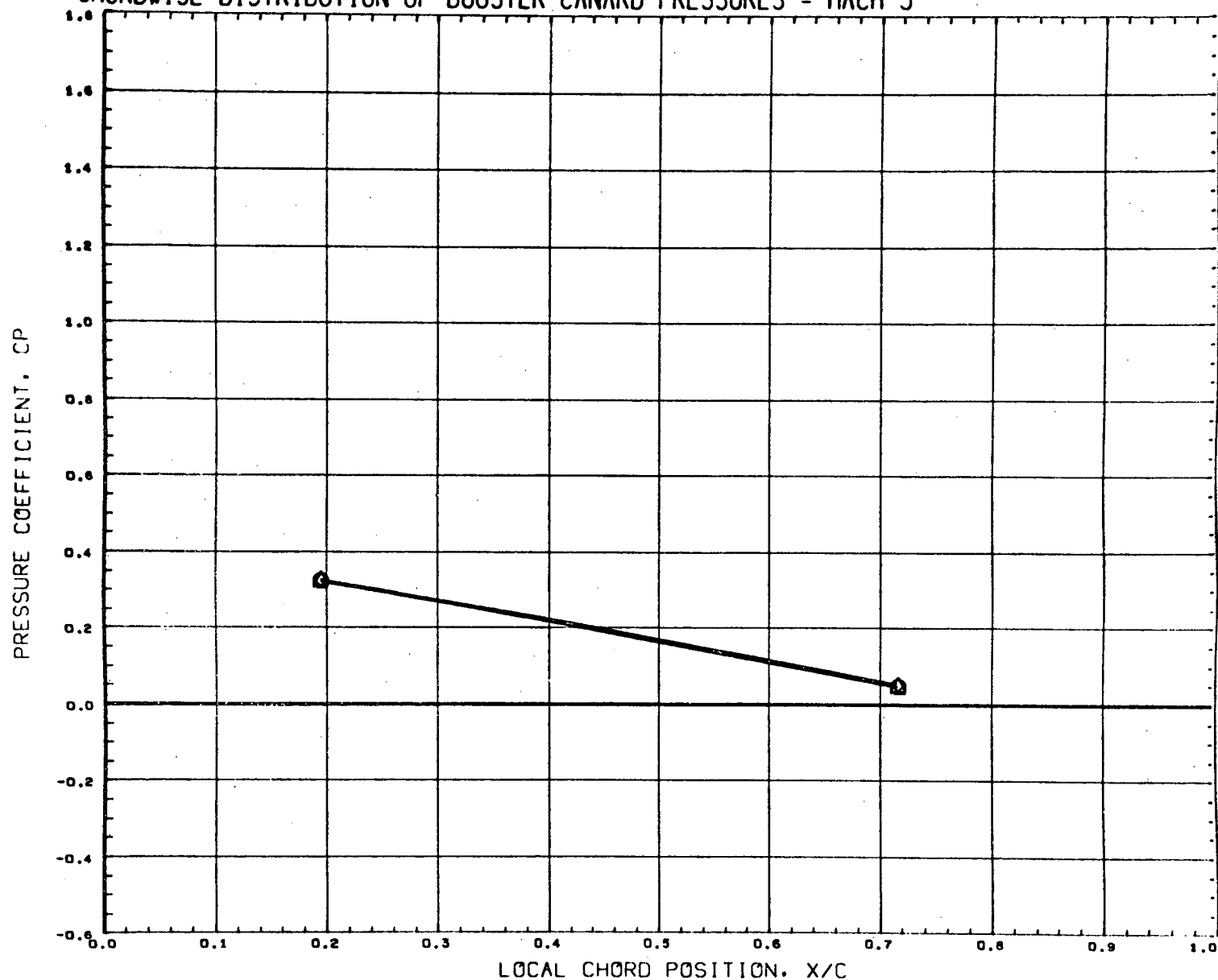
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8522•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.037
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

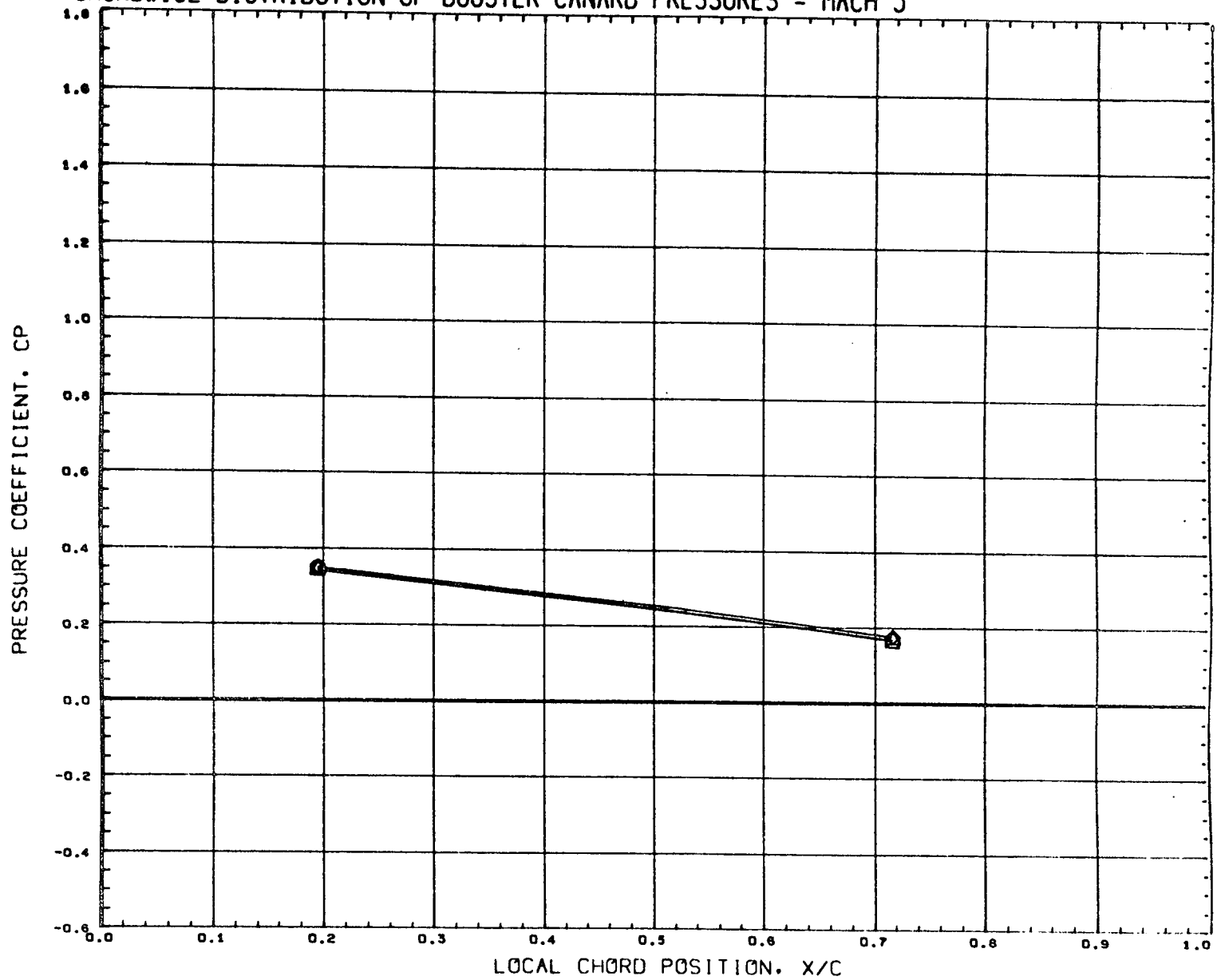
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8523•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

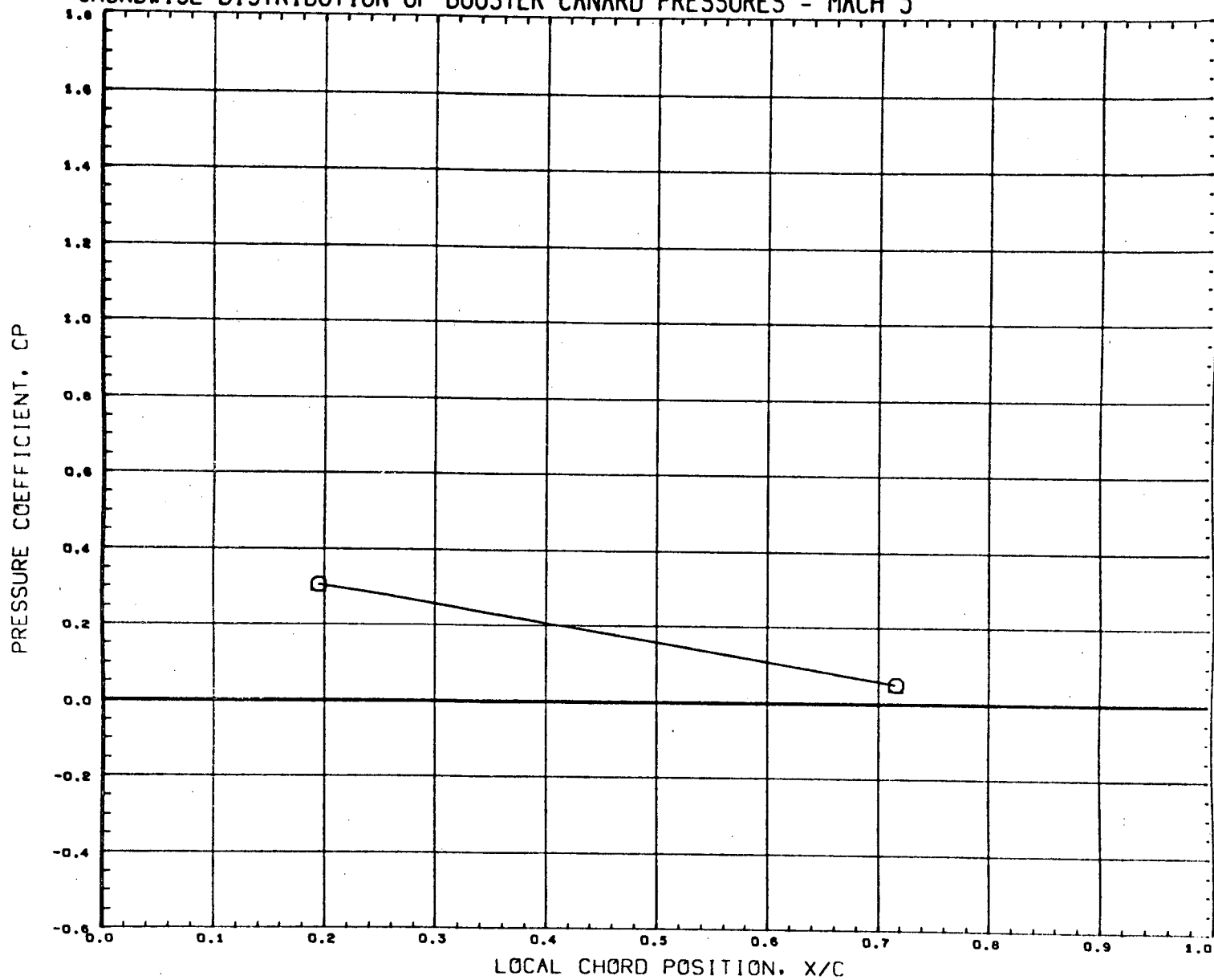
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.037
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

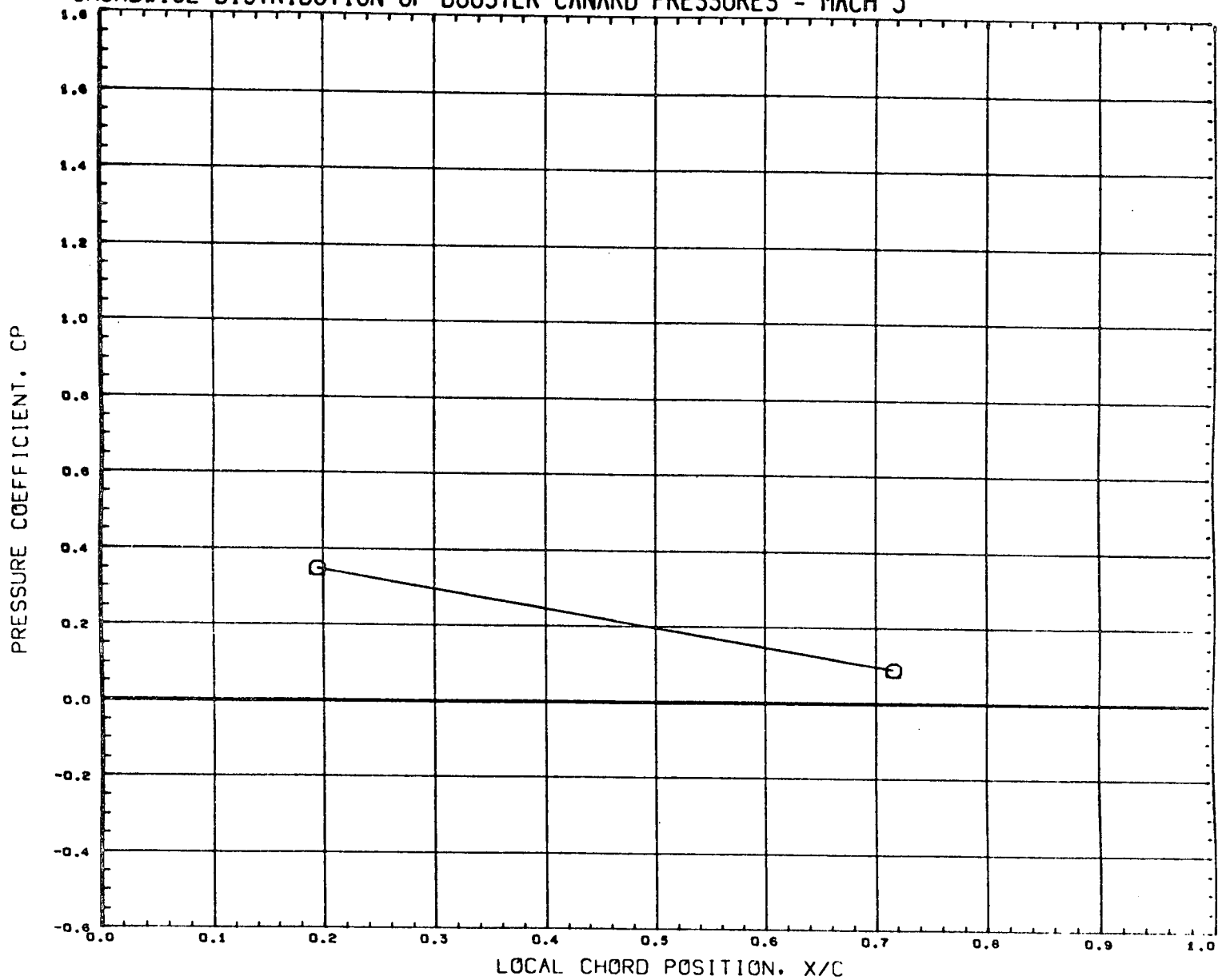
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.879 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.037
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

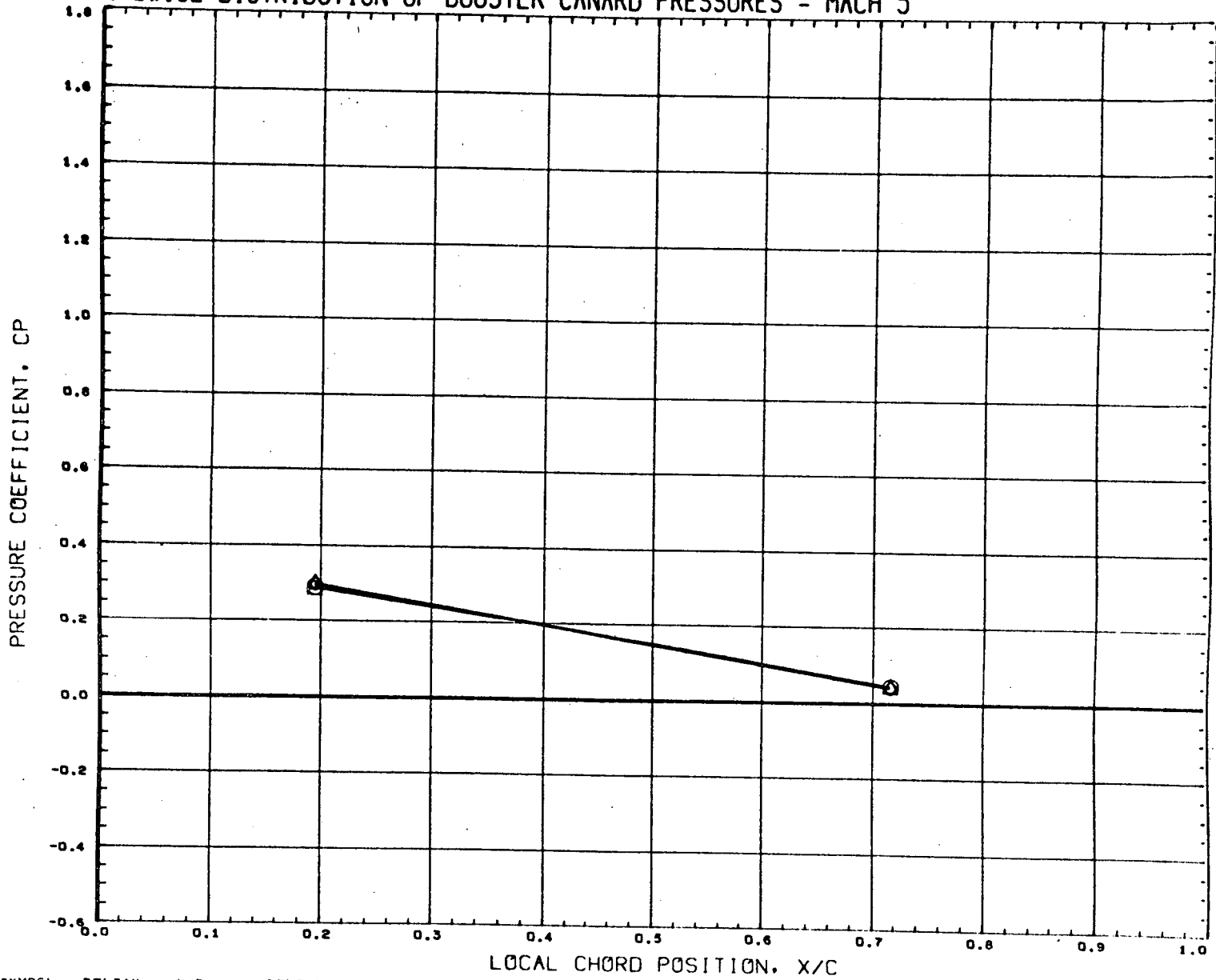
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8523•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.012
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

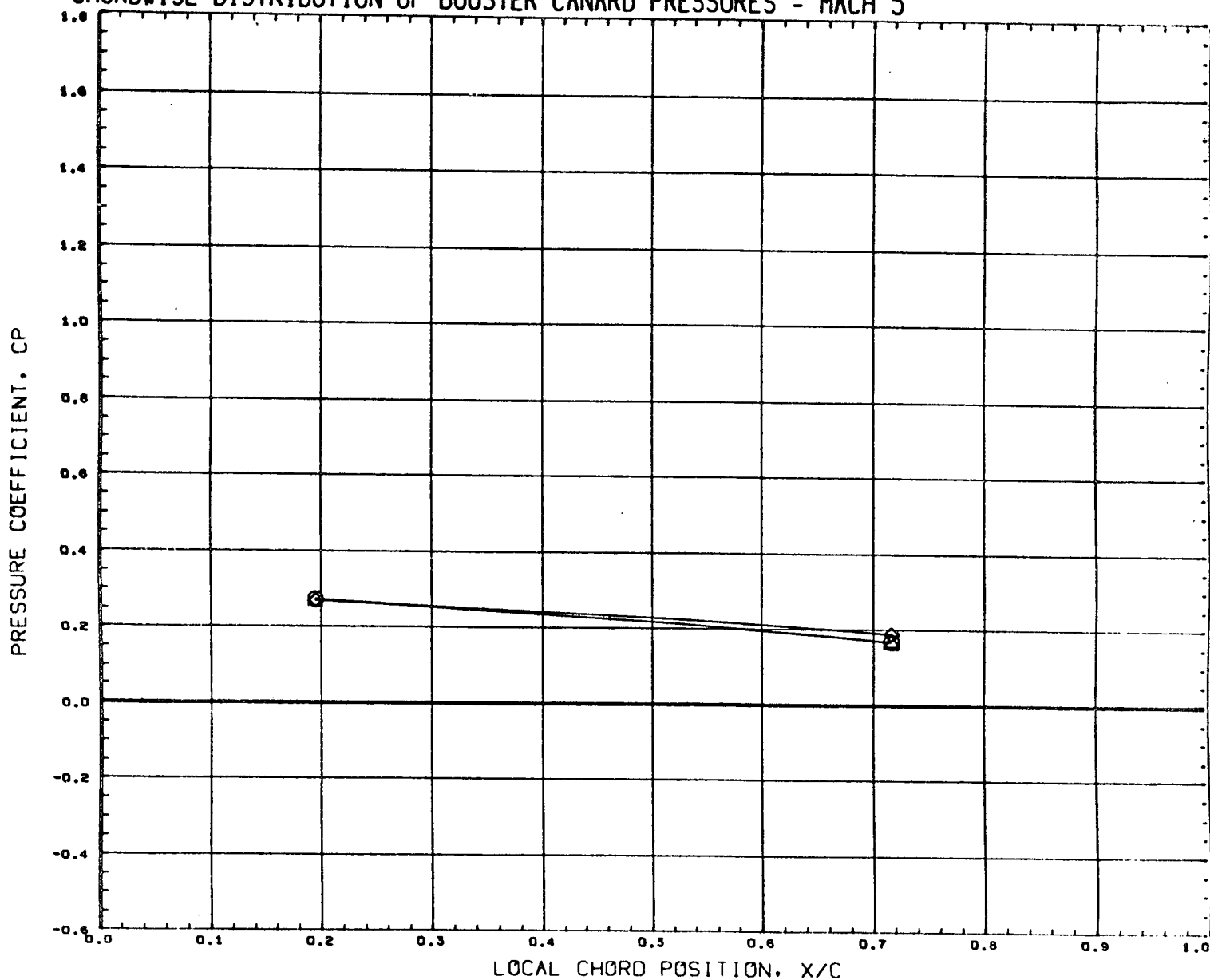
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8524•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.012
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

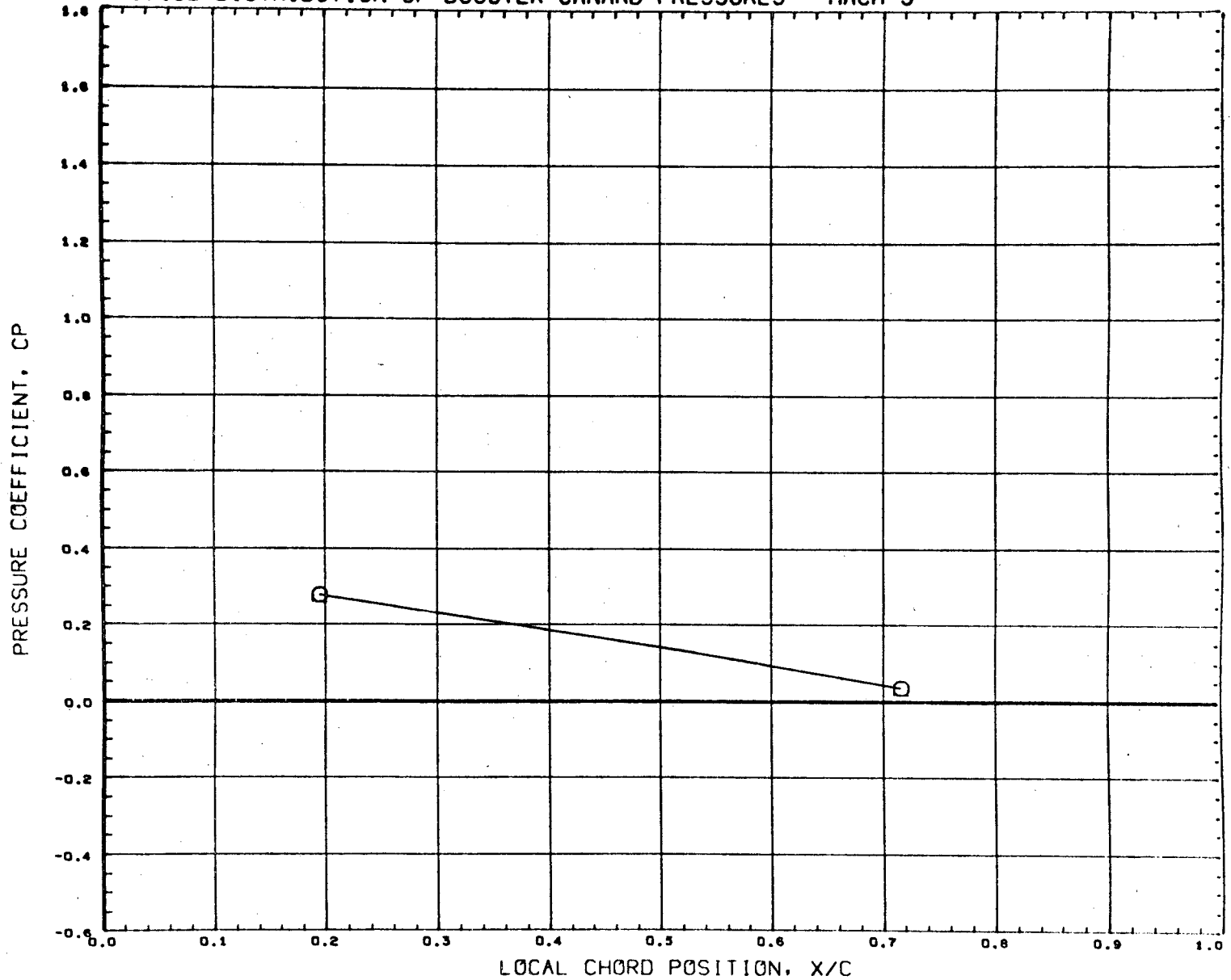
AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8524•

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C.7

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.920 0.565 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.012
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

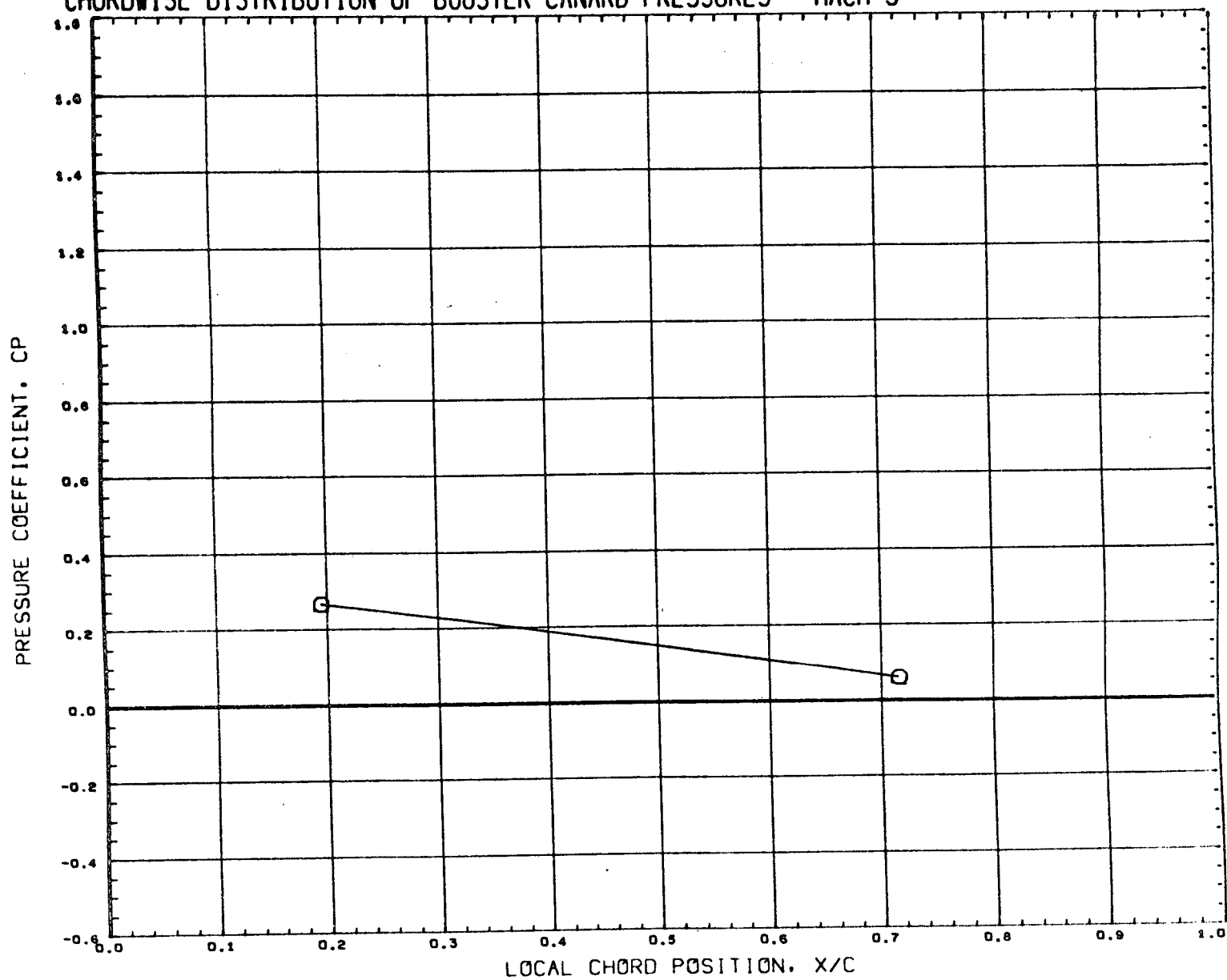
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8524•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.012
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

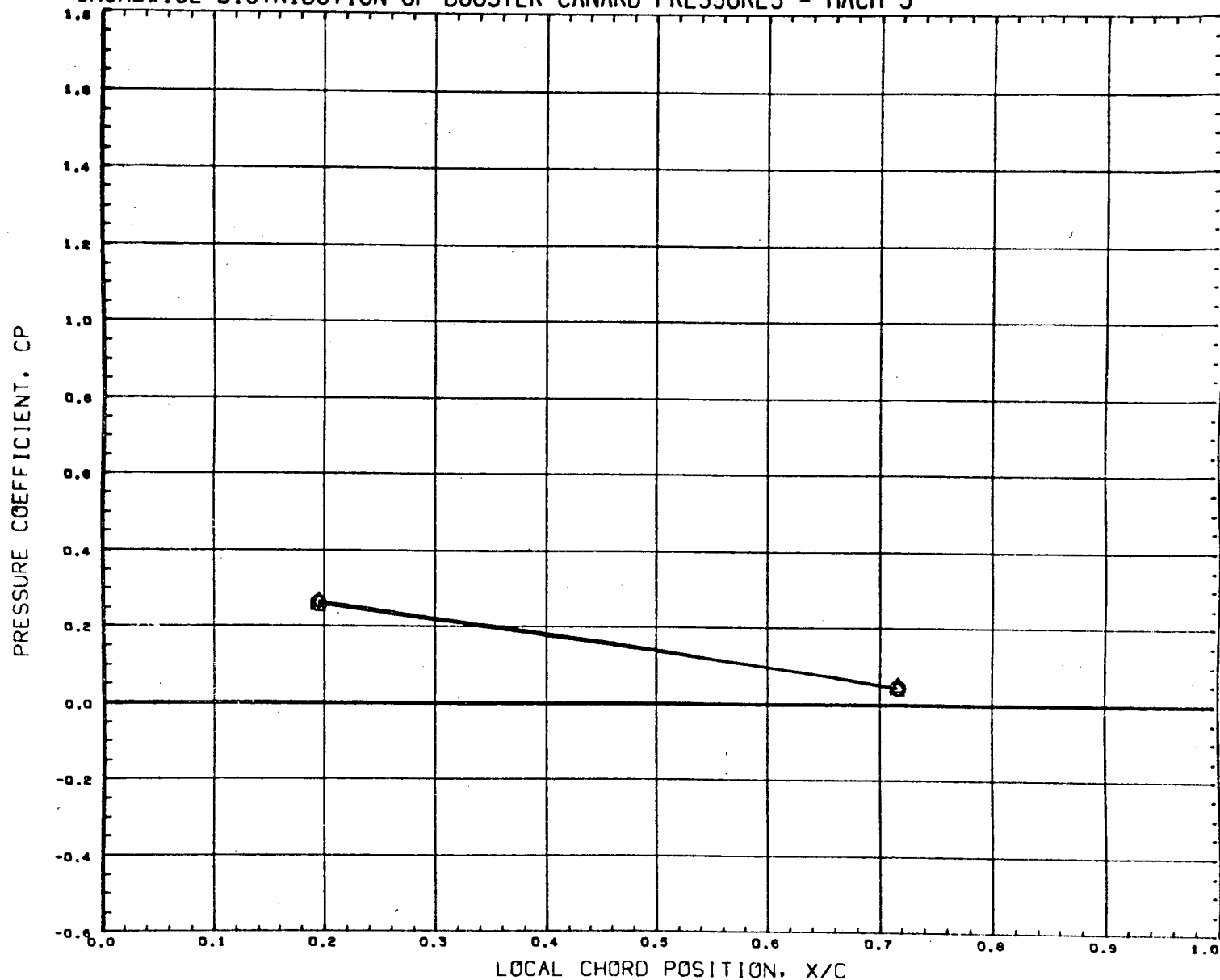
REFERENCE FILE

AEOC VA1163 MDAC BOOSTER (CANARD)

•DT8524•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES		
BETA	0.000	ALPHA8 10.042
MACH	4.940	ALPHA1 0.000
ORBPOW	50.000	BSTPOW 100.000

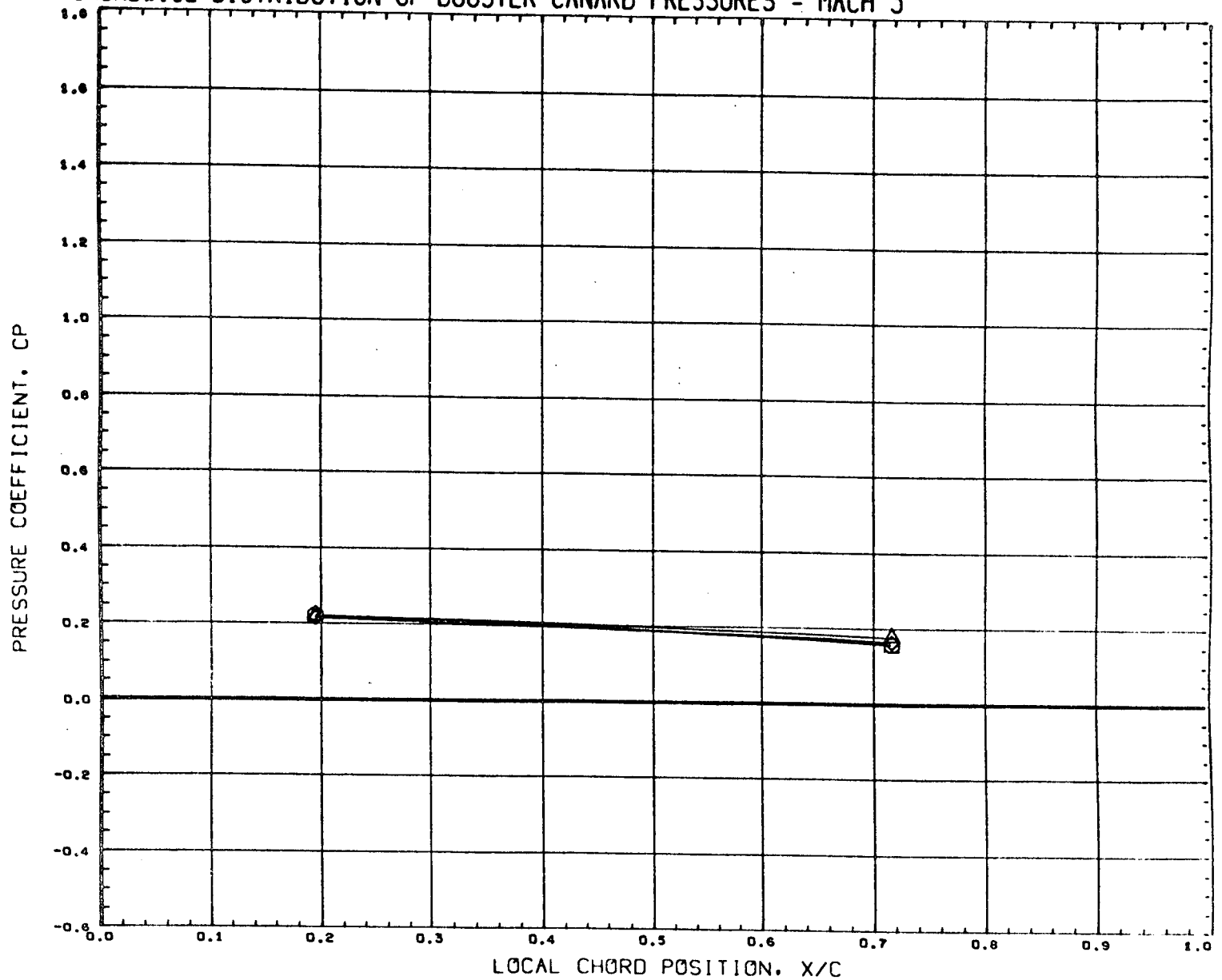
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8525•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

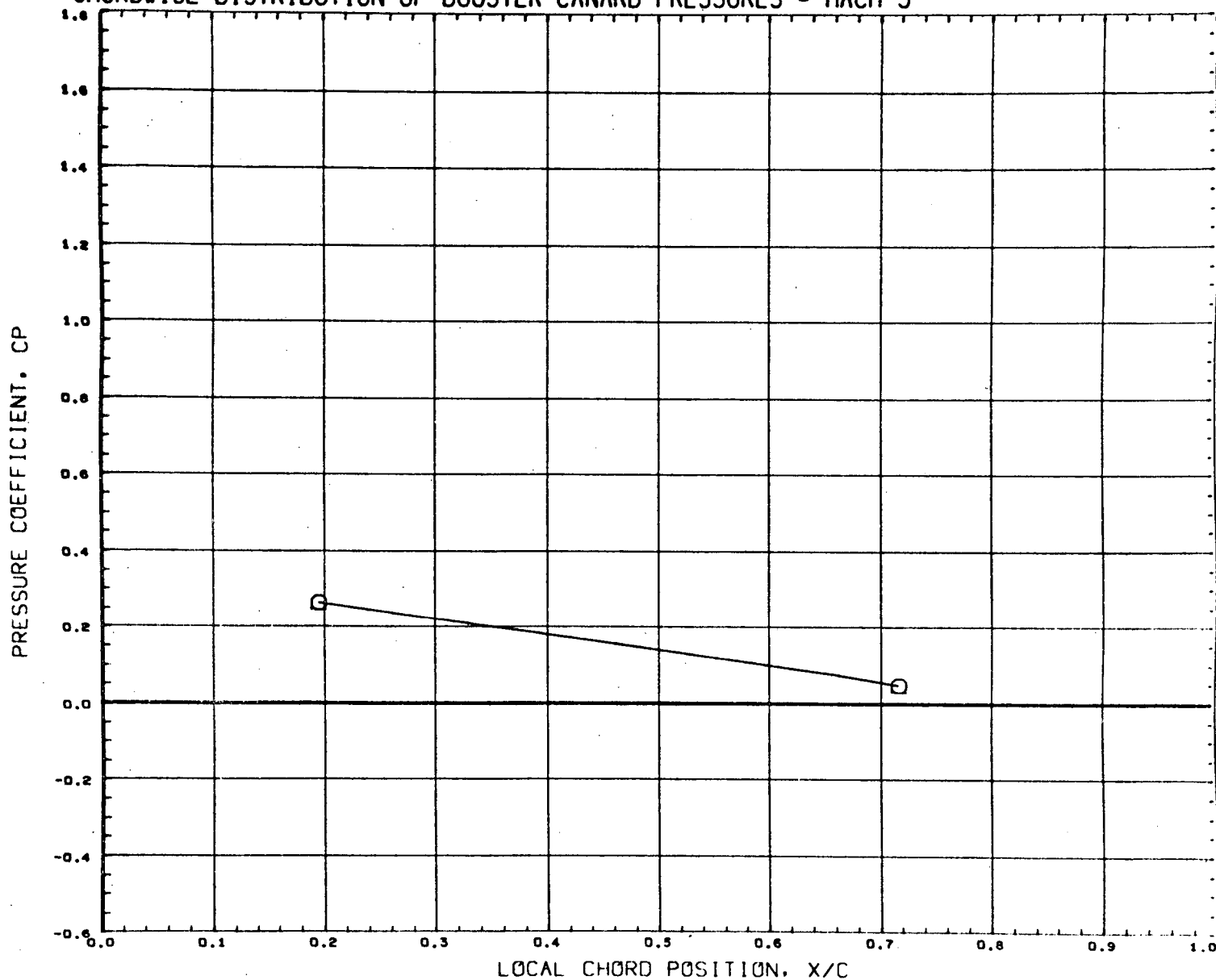
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.042
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

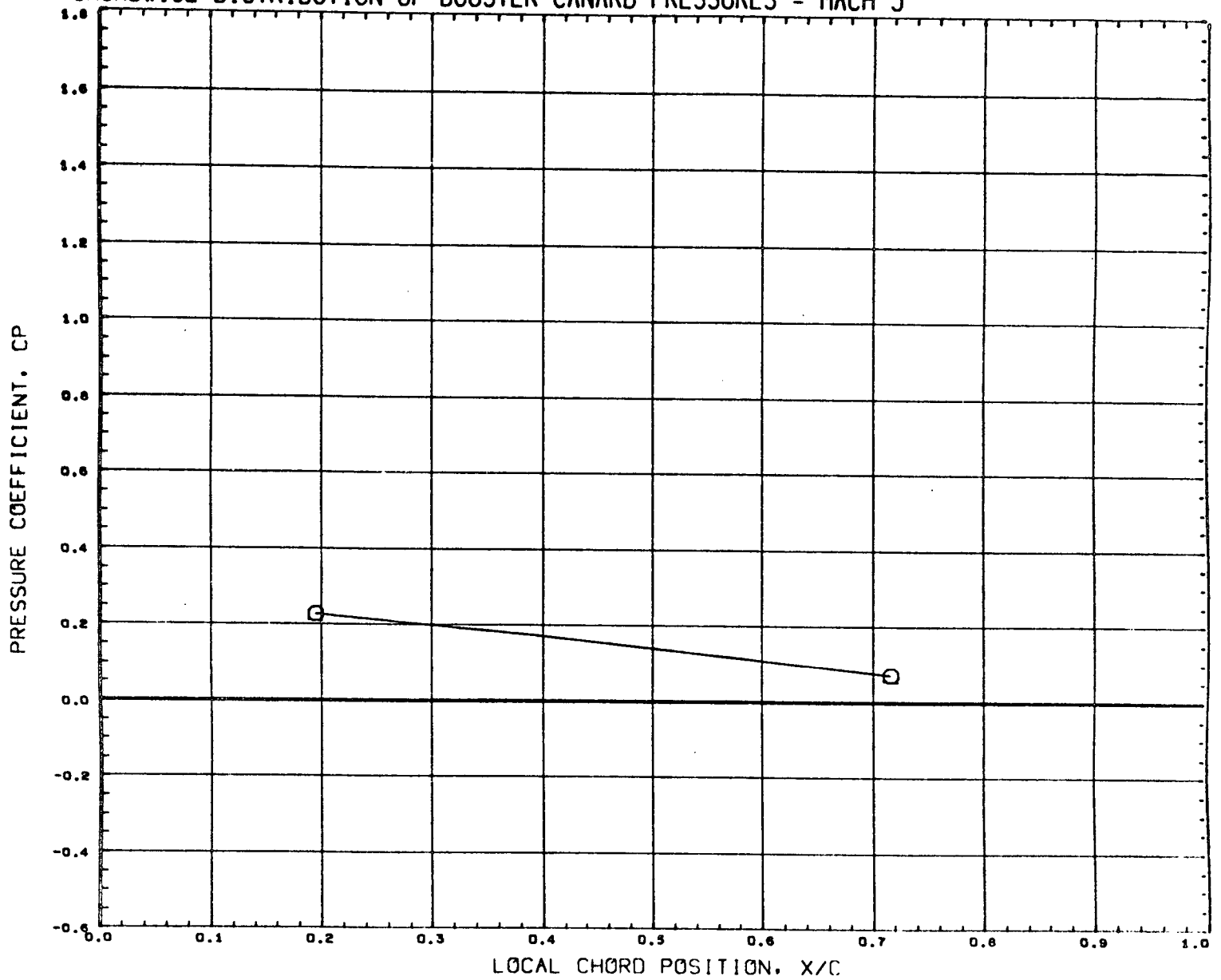
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 () 0.520 0.879 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 10.042
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

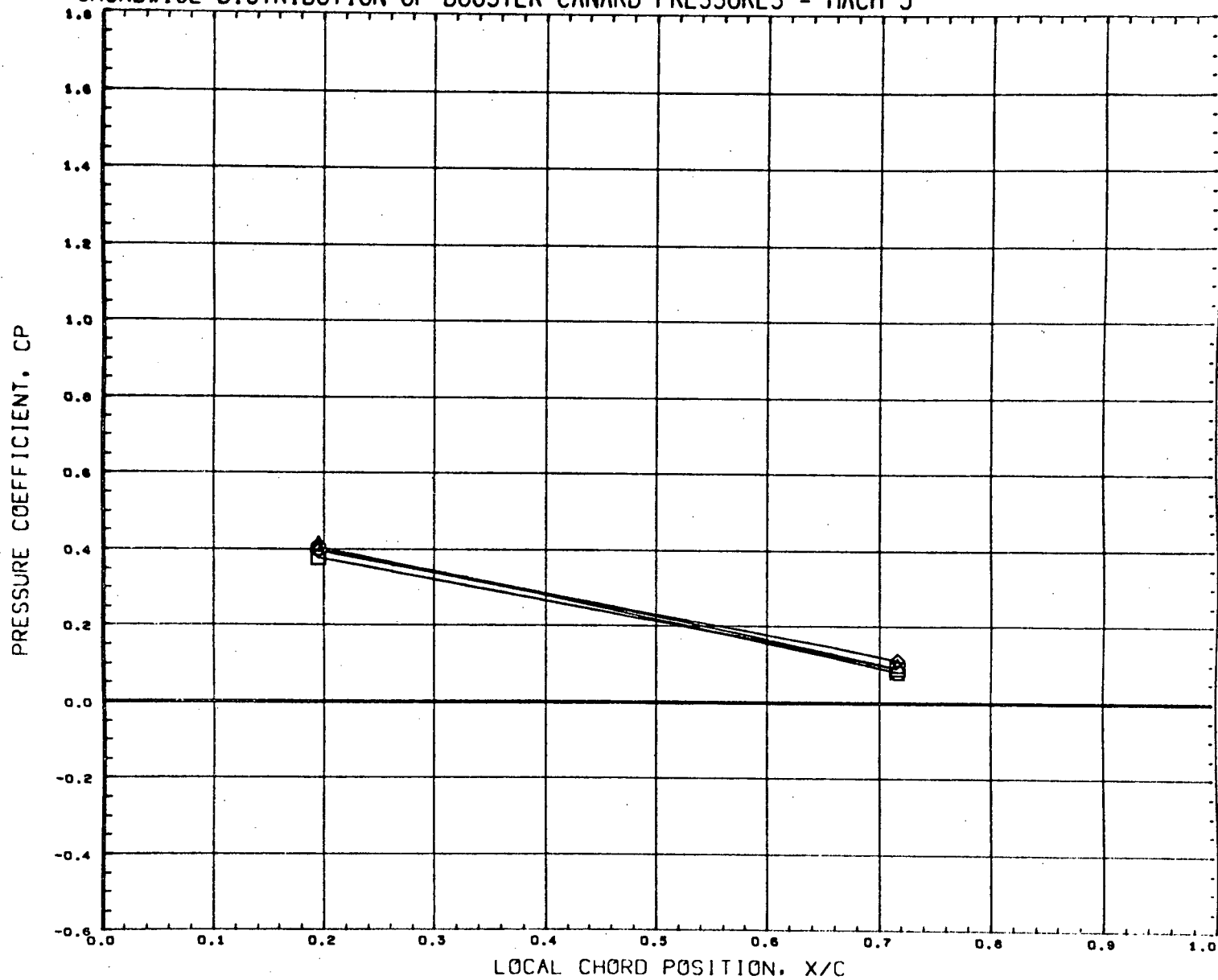
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	- 9.918
MACH	4.940	ALPHA _I	0.000
ORBPOW	100.000	BSTPOW	50.000

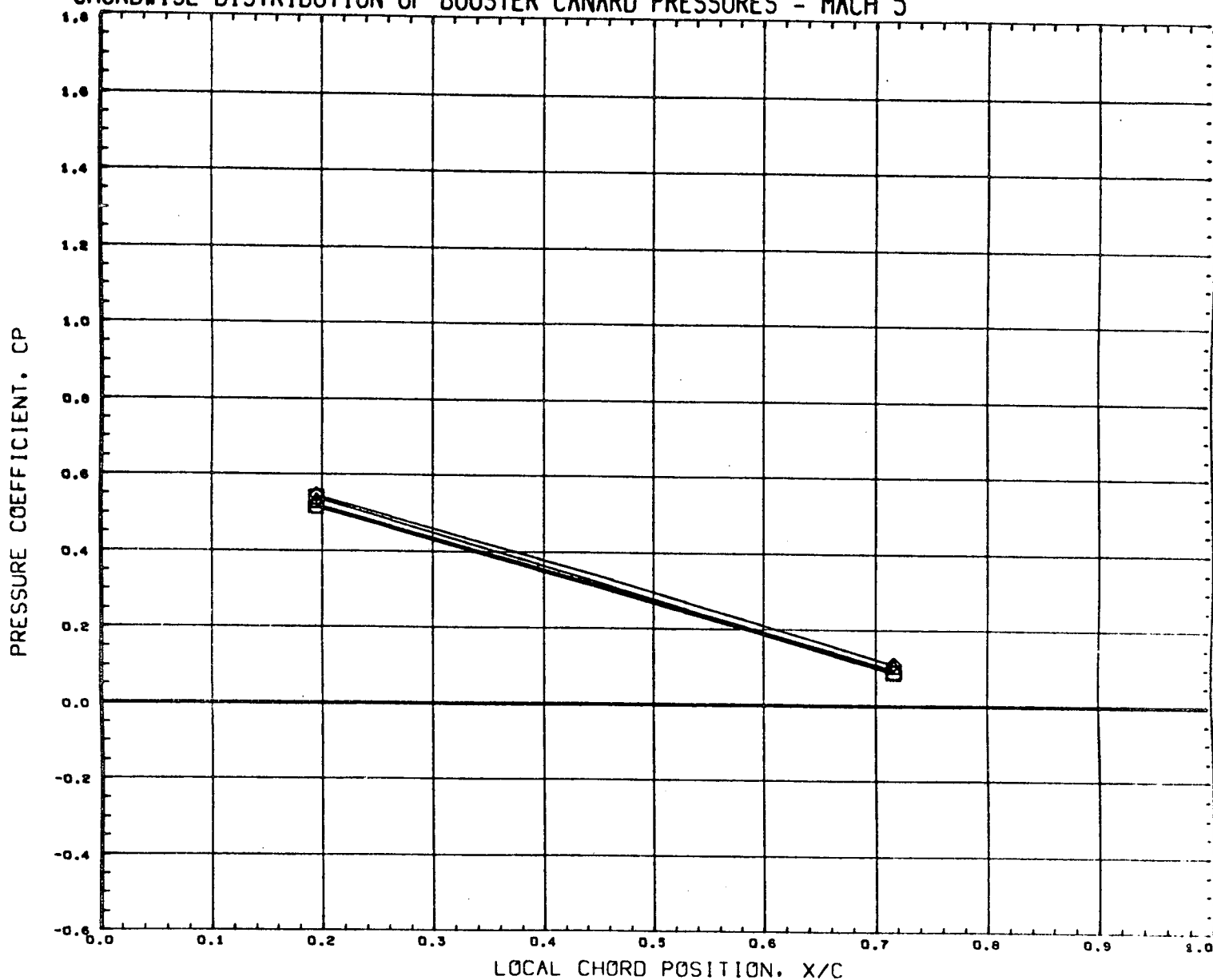
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

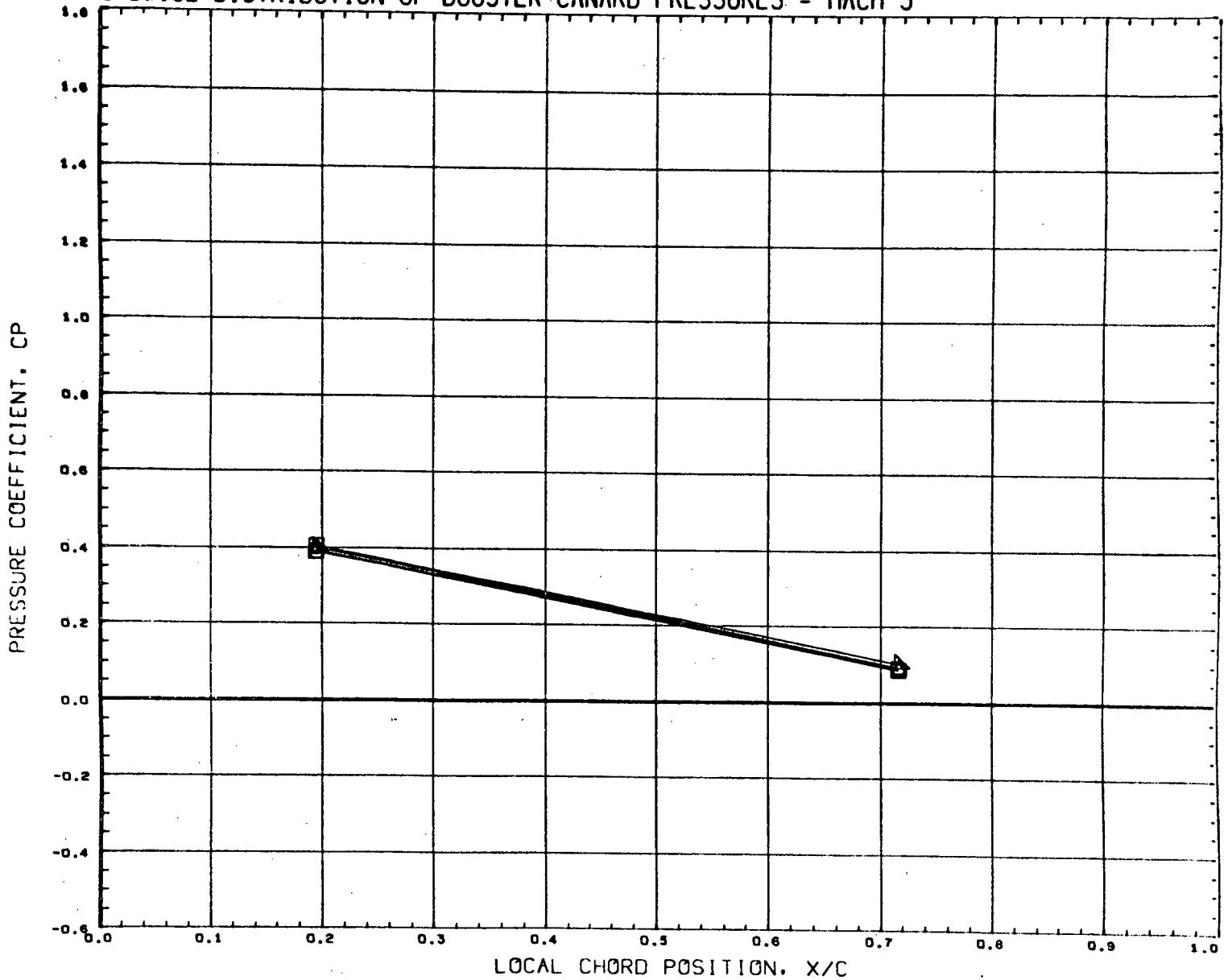
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

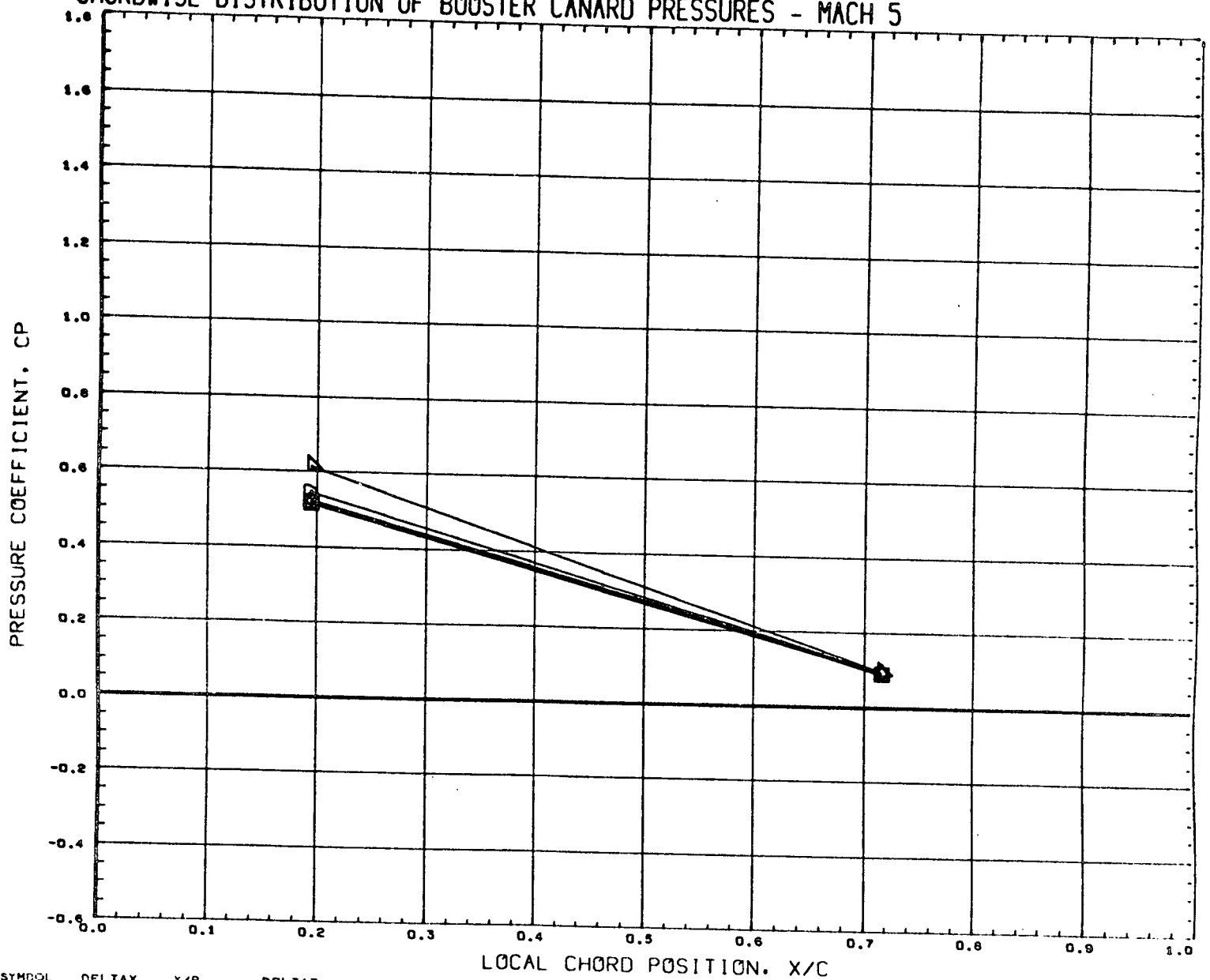


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.120
◇	- 0.143		
◇	- 0.020		
◇	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

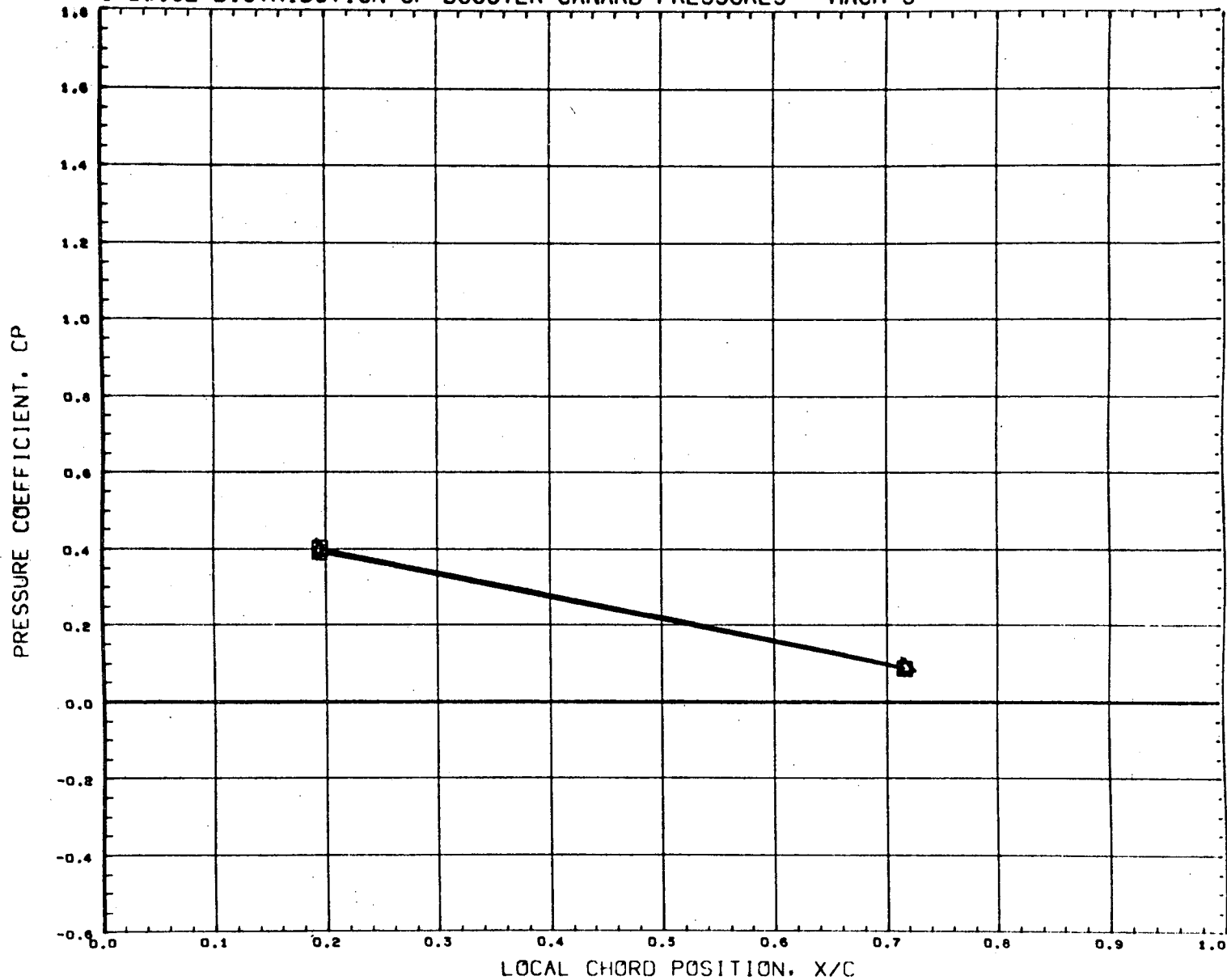


SYMBOL	DELTA X	Y/B	DELTA Z
△	0.390	0.679	0.120
◻	0.143		
◊	0.020		
◻	0.103		
◻	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



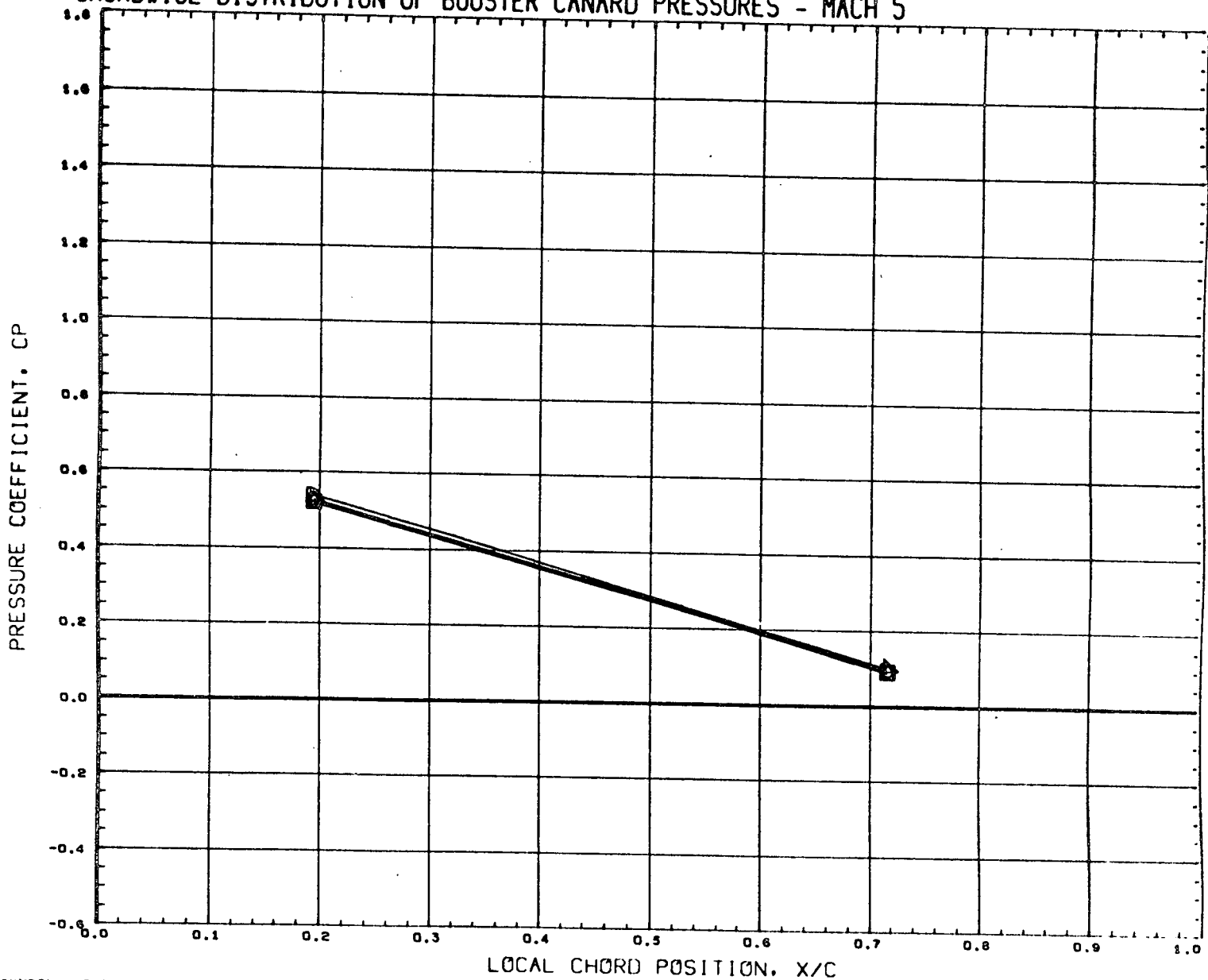
SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHA	- 9.916
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.879	0.151
△	0.143		
◇	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

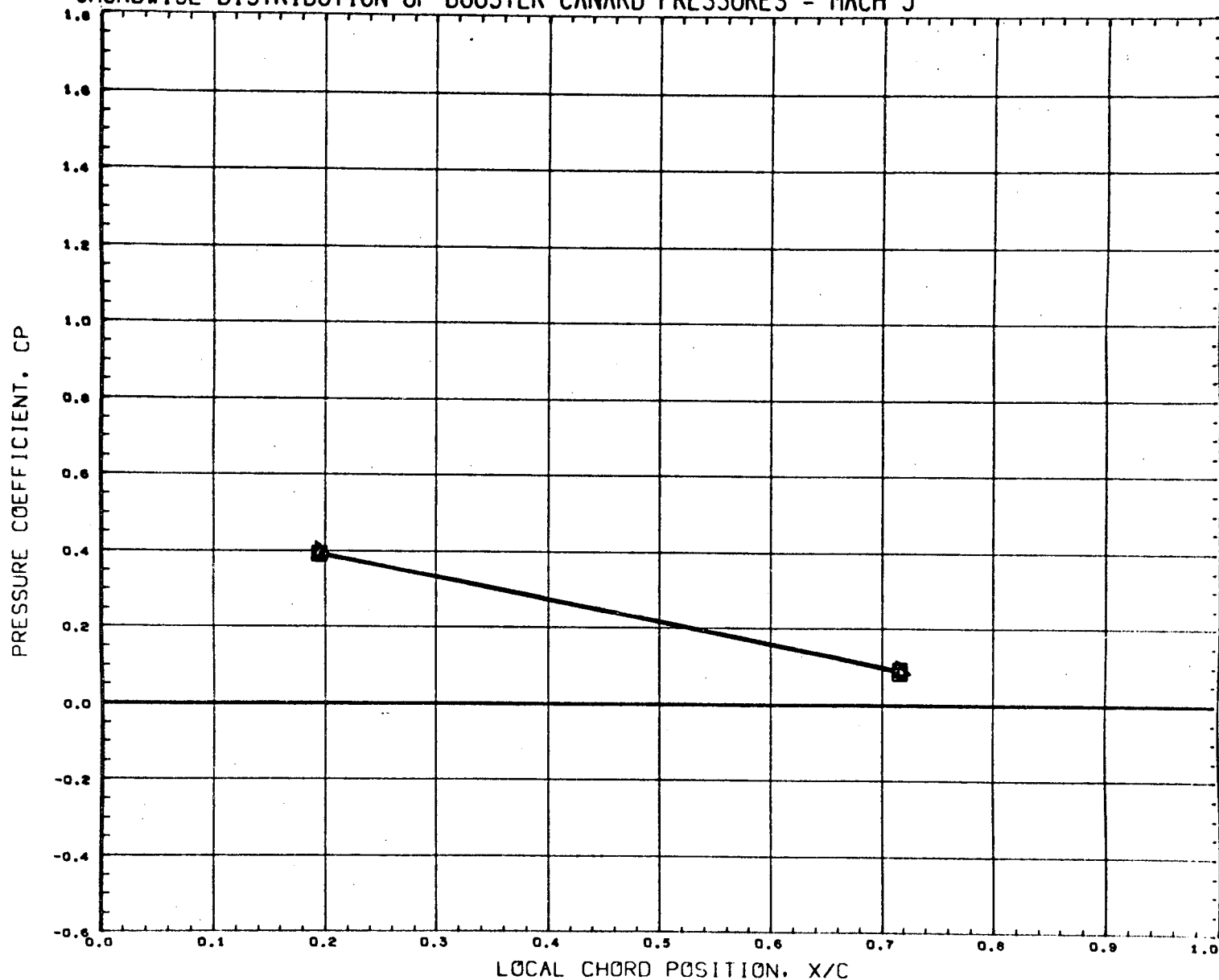
PARAMETRIC VALUES			
BETA	0.000	ALPHA0	- 9.916
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (CANARD)

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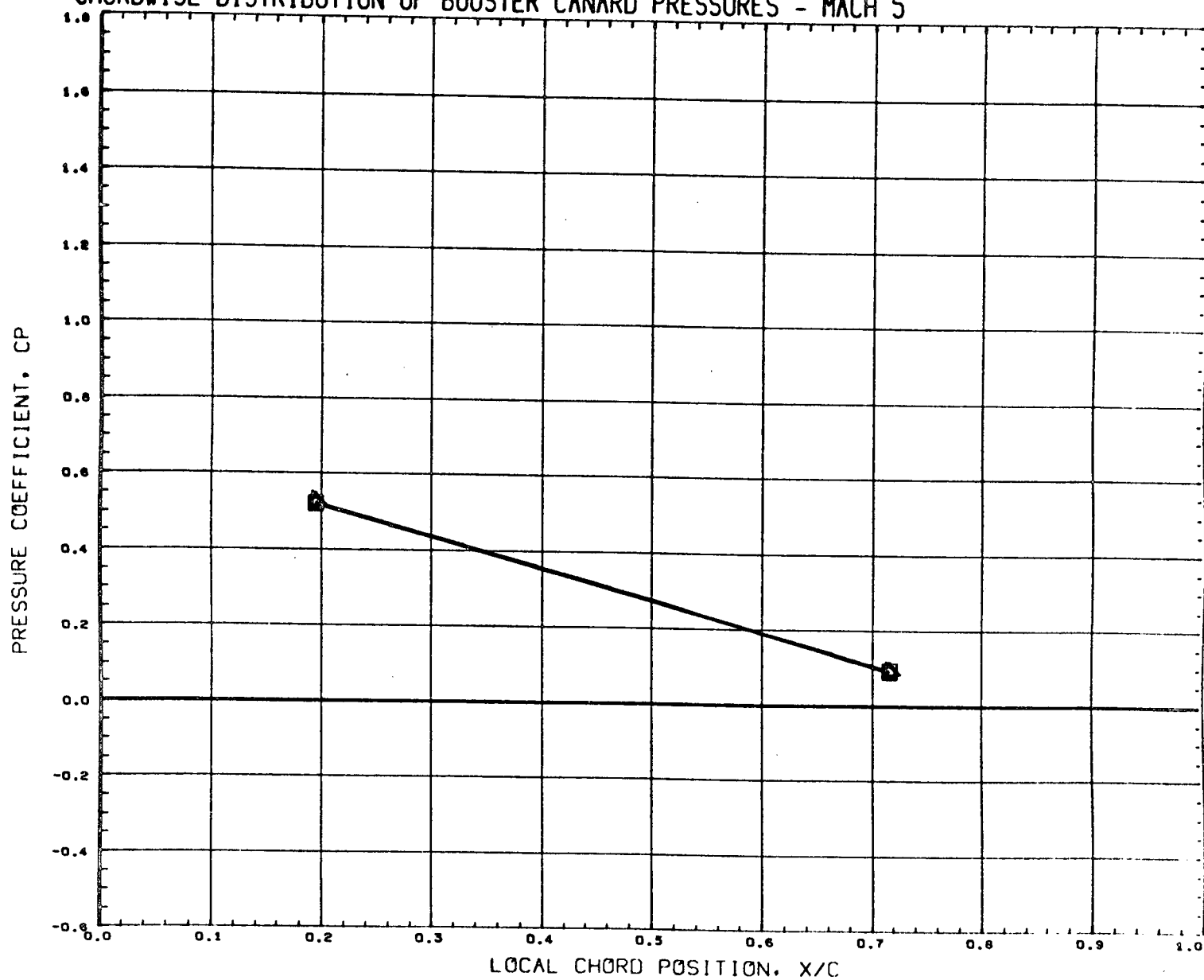
CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.565	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▣	0.227		
◻	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

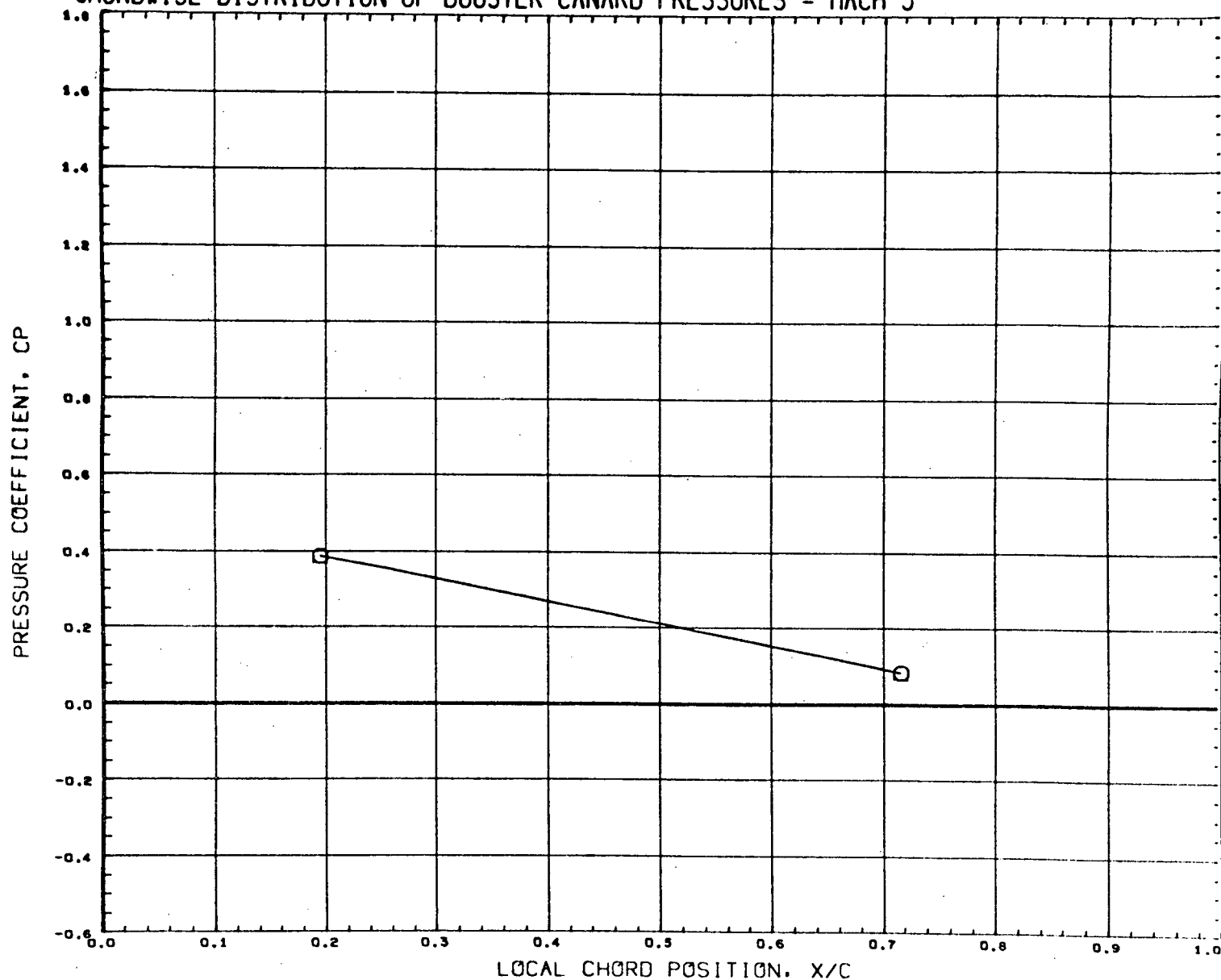


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA D	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

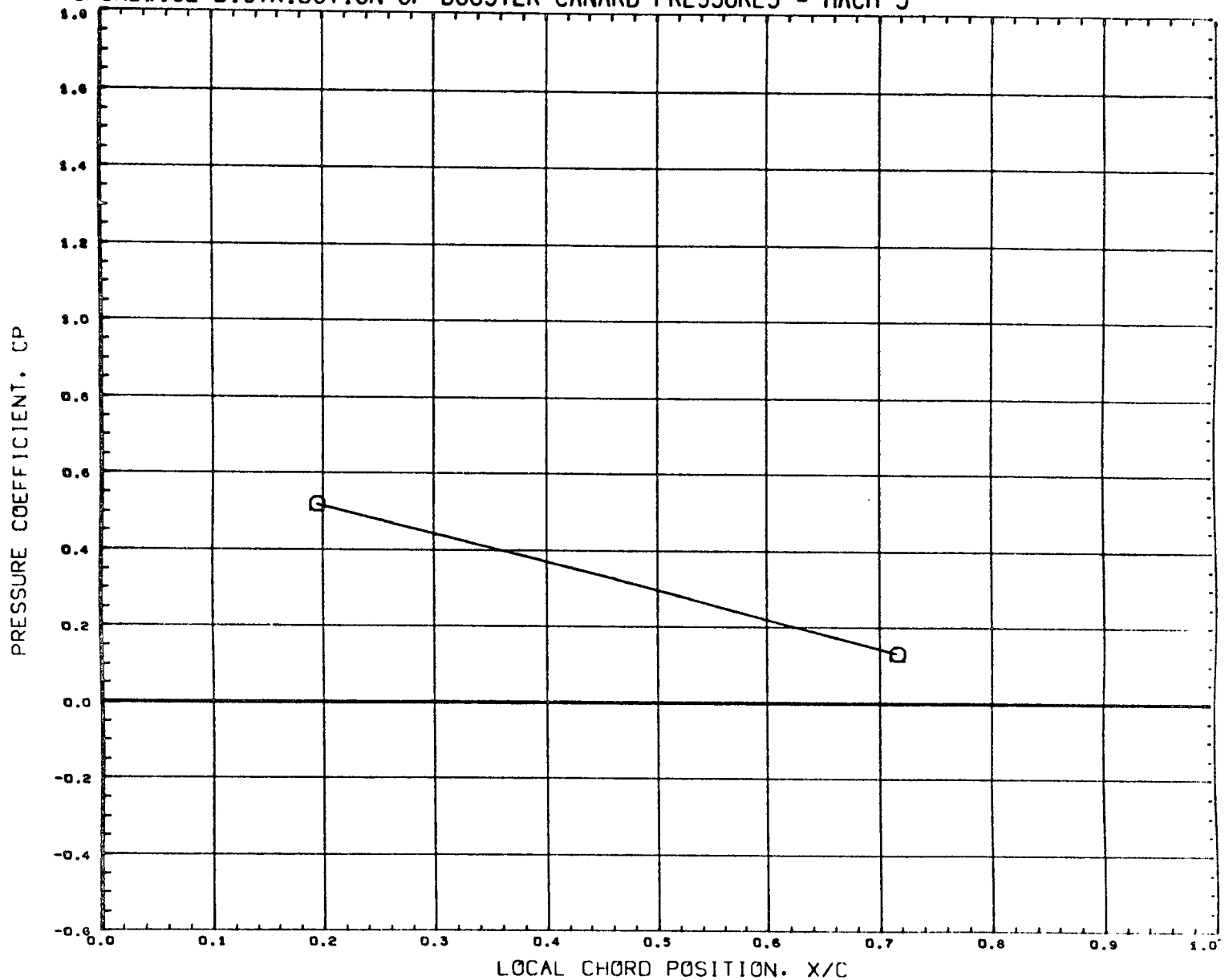
REFERENCE FILE

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	B3TPOW	50.000

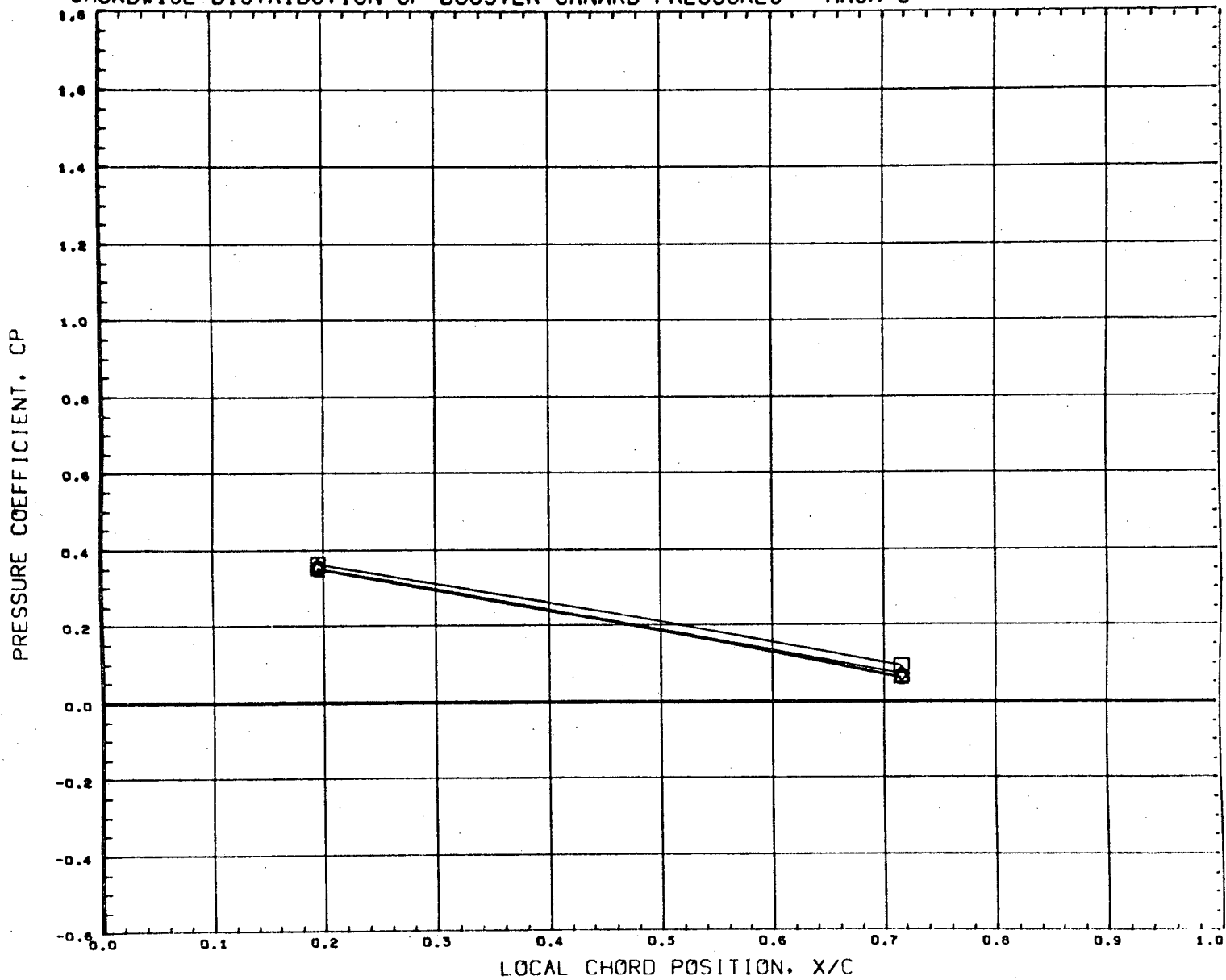
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/D	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

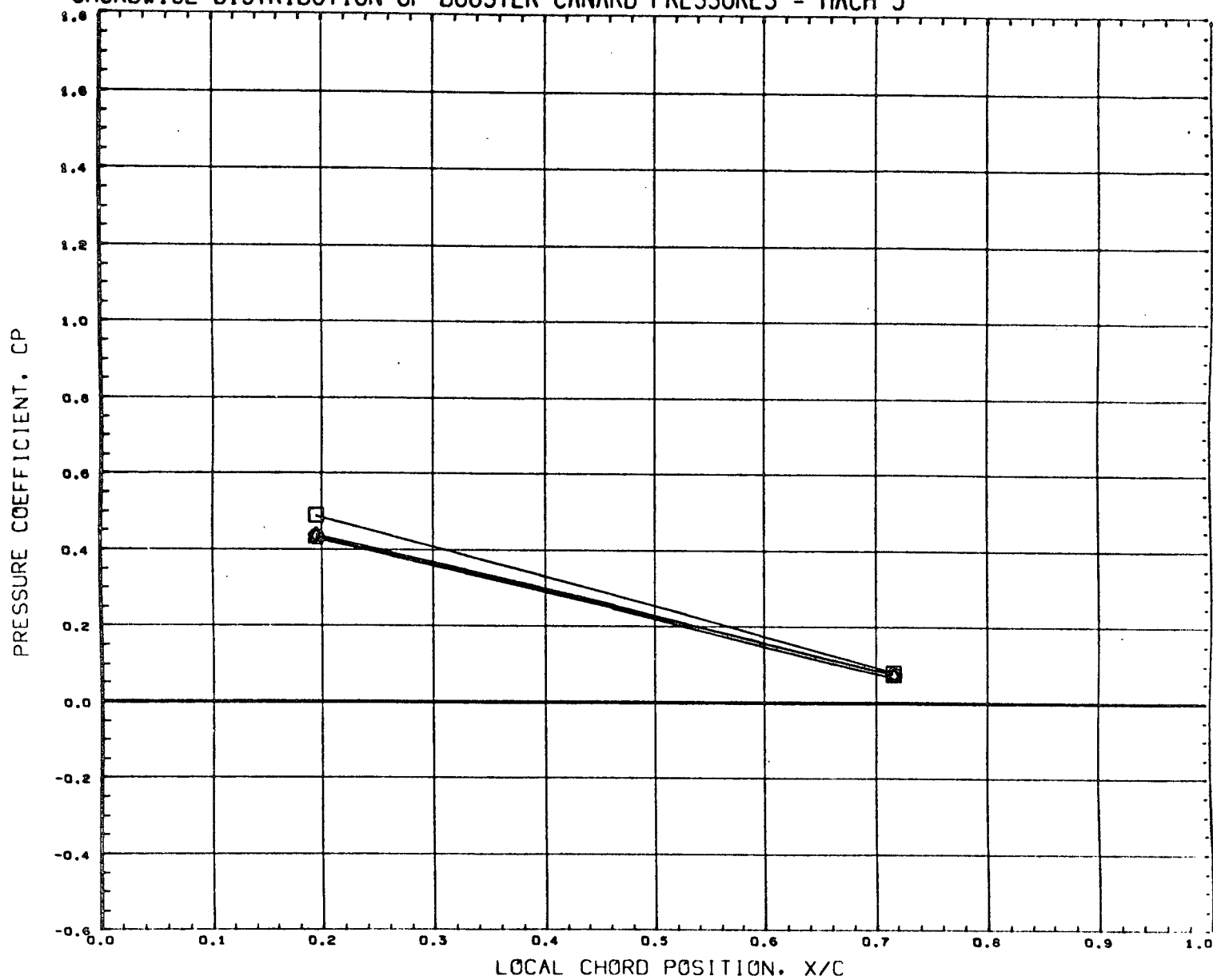
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

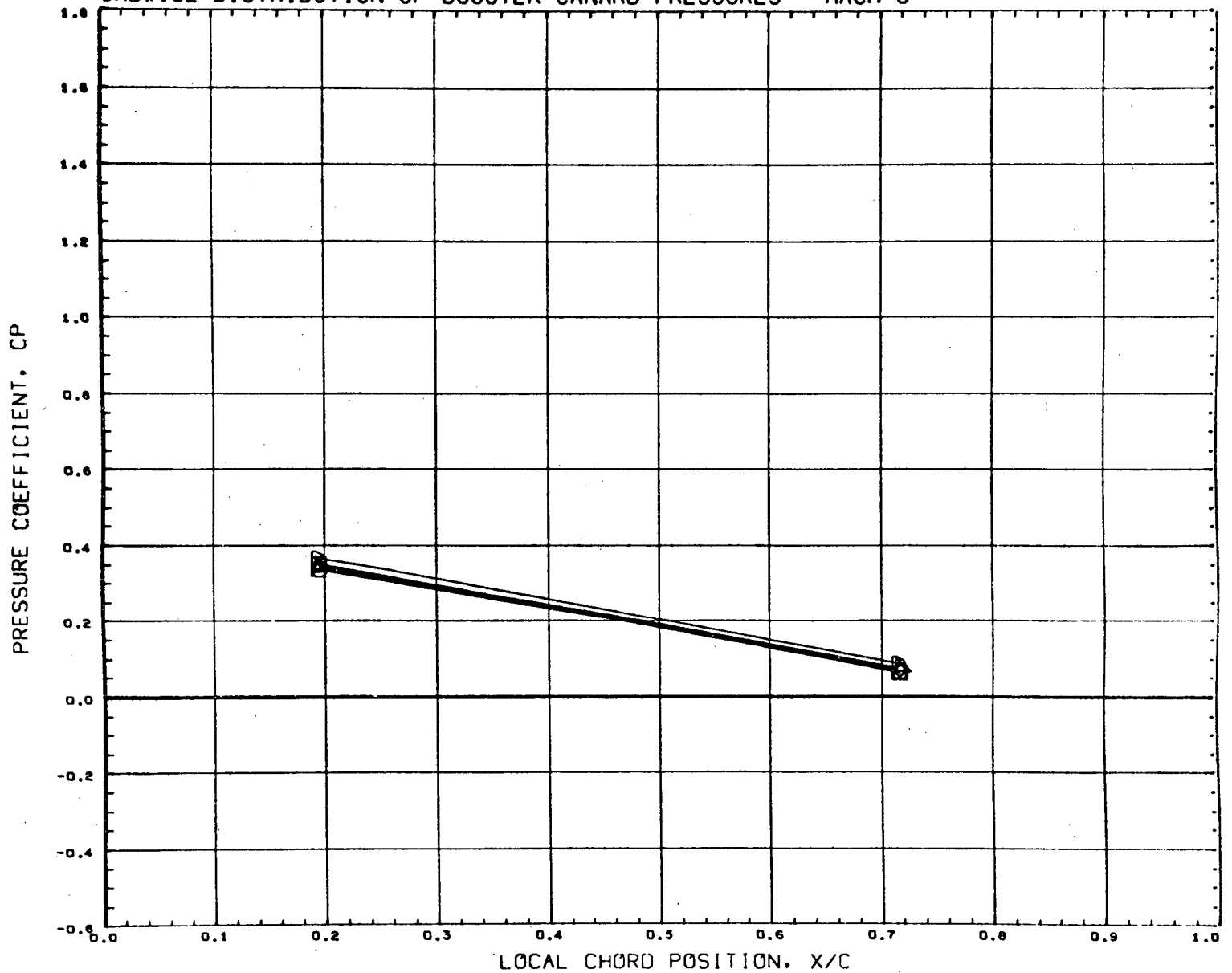
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

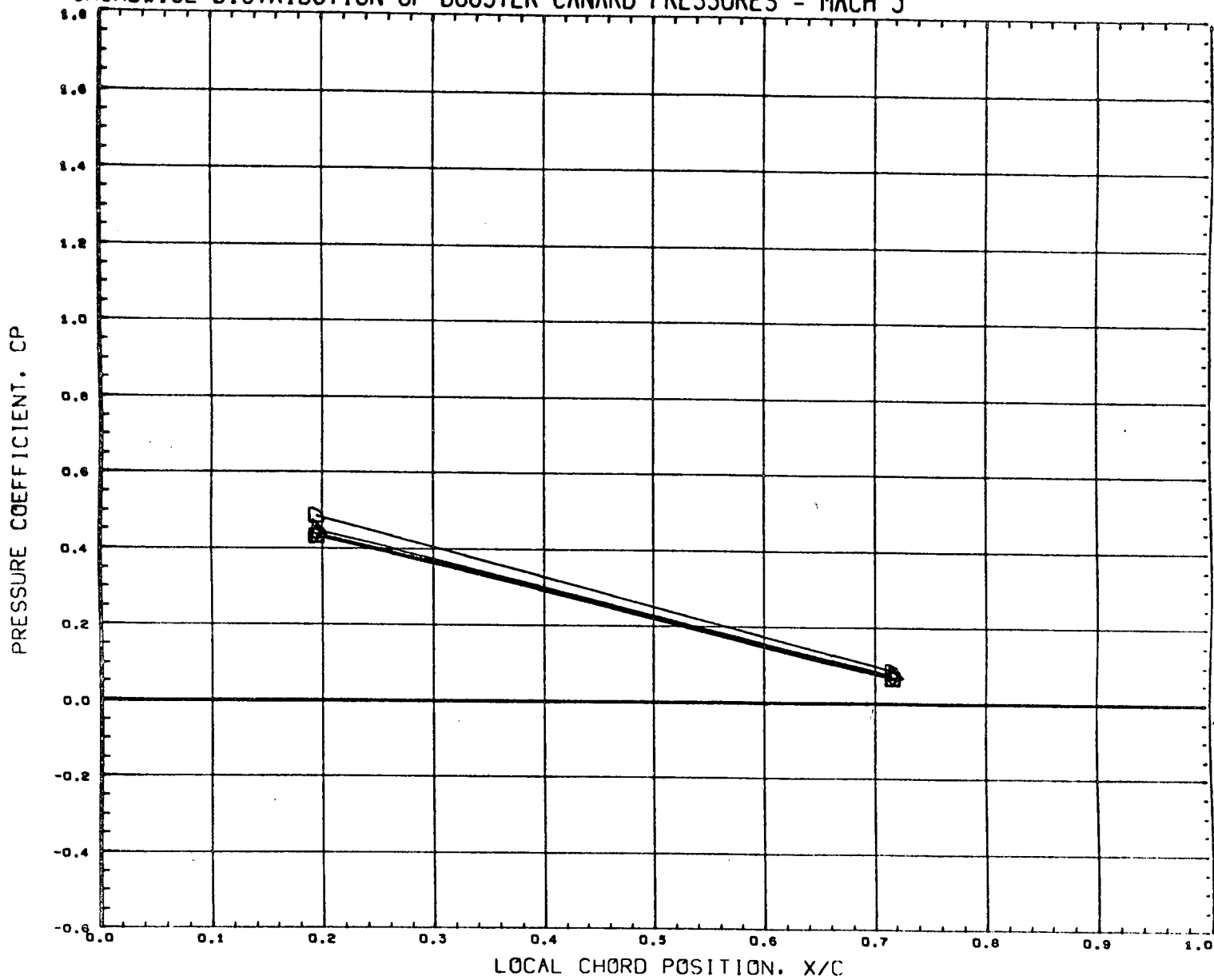


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

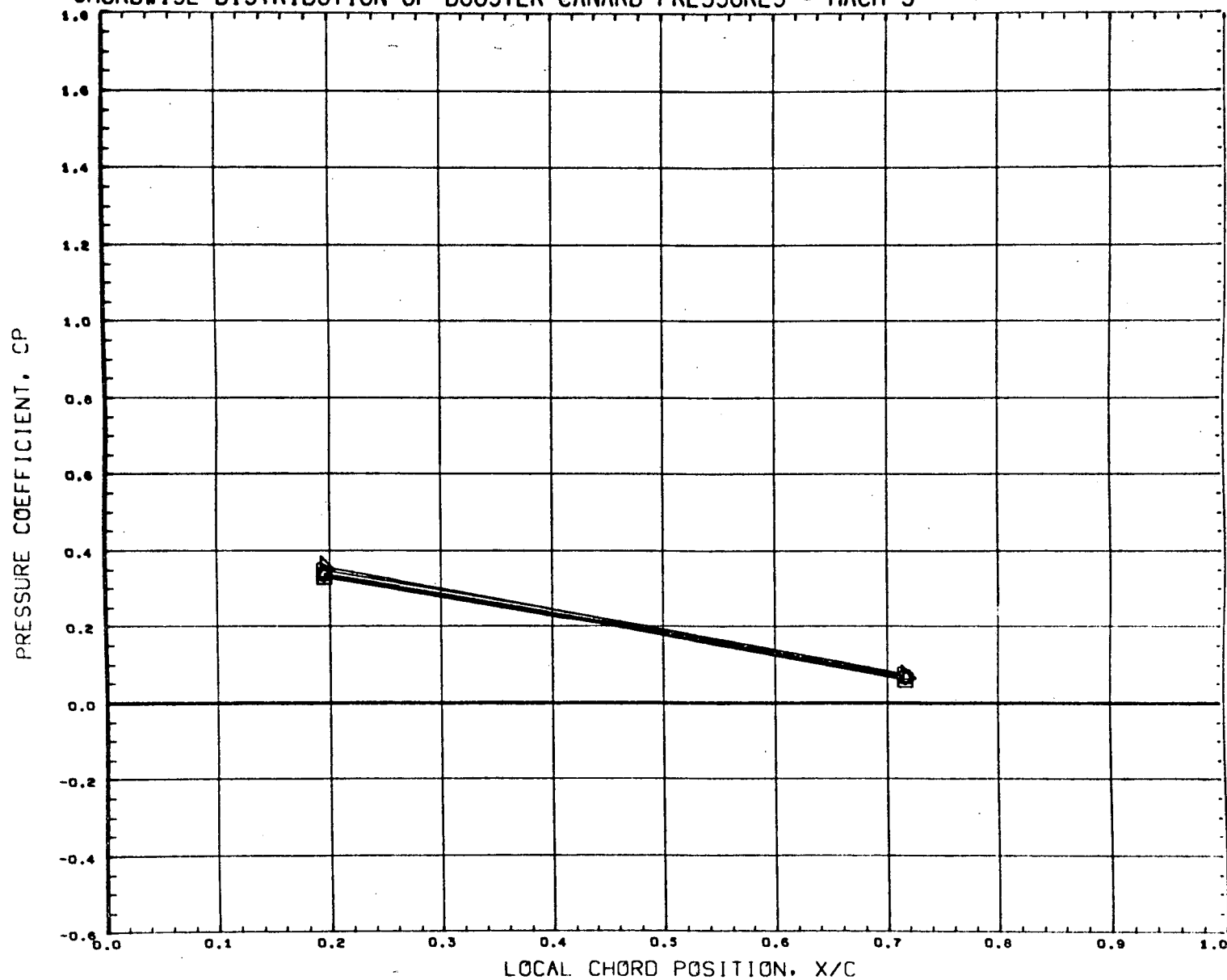
CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▣	0.227		
◻	0.330	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHA	5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

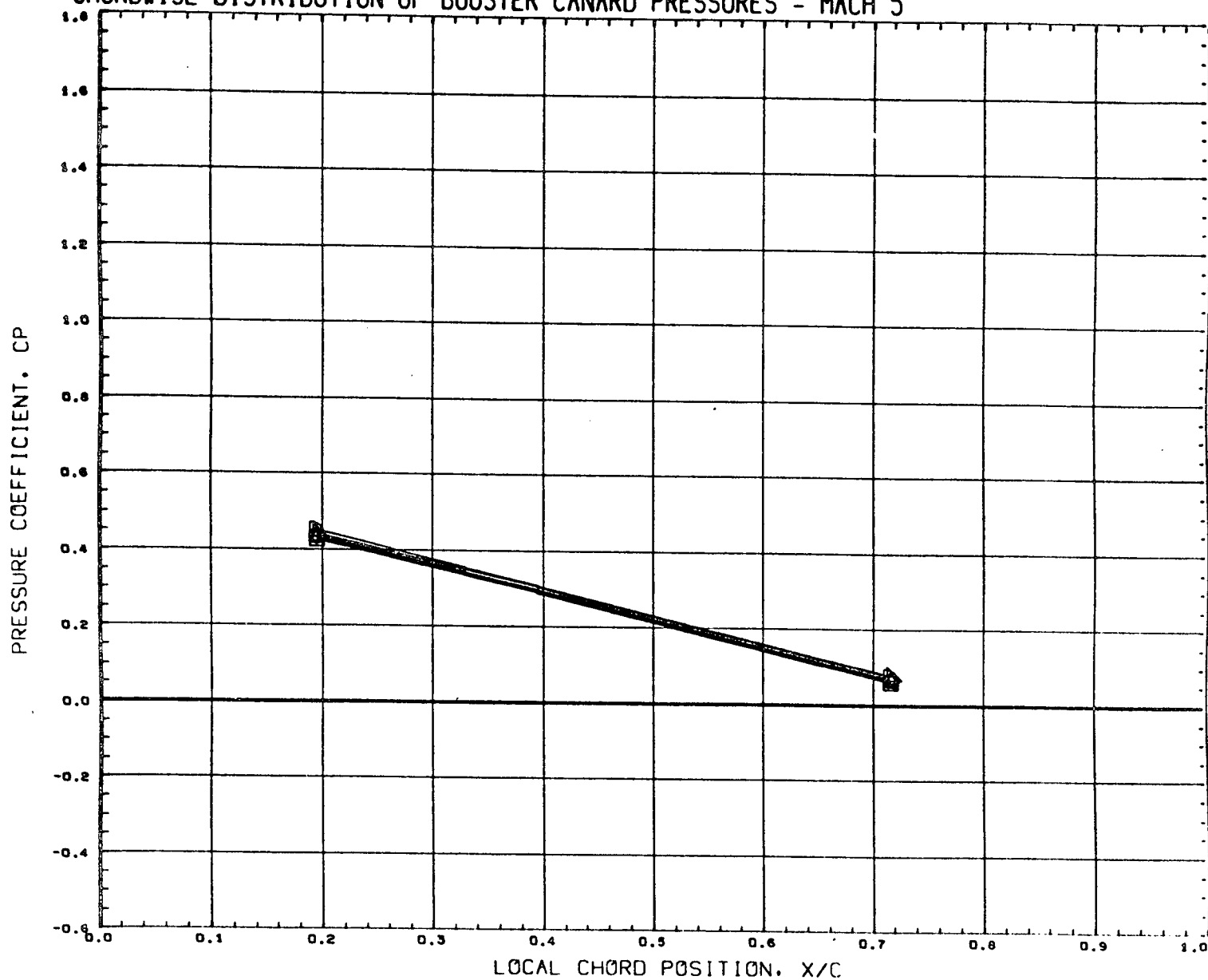


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.151
◇	0.143		
△	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

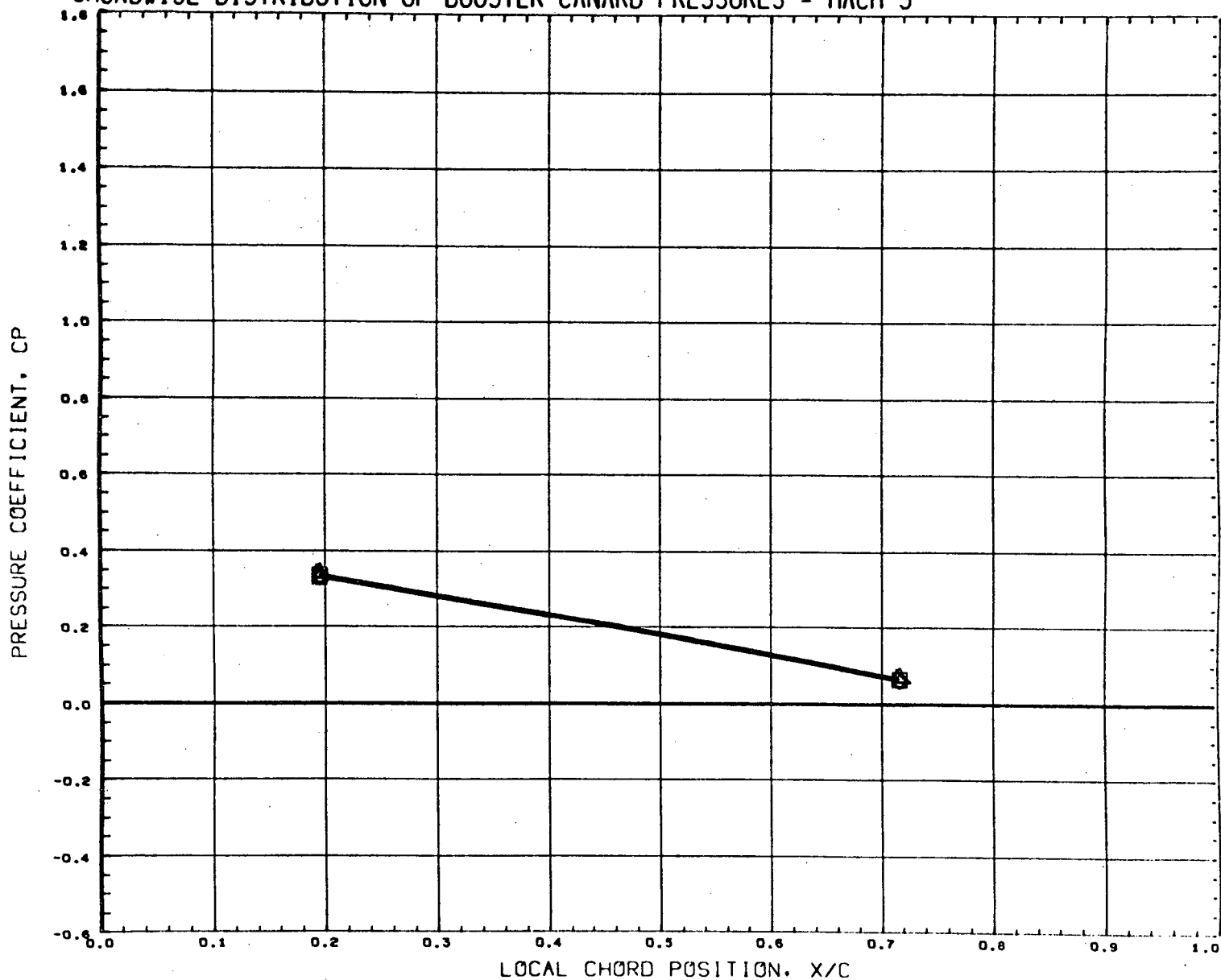


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.151
◇	- 0.143		
◇	- 0.020		
□	0.103		
△	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

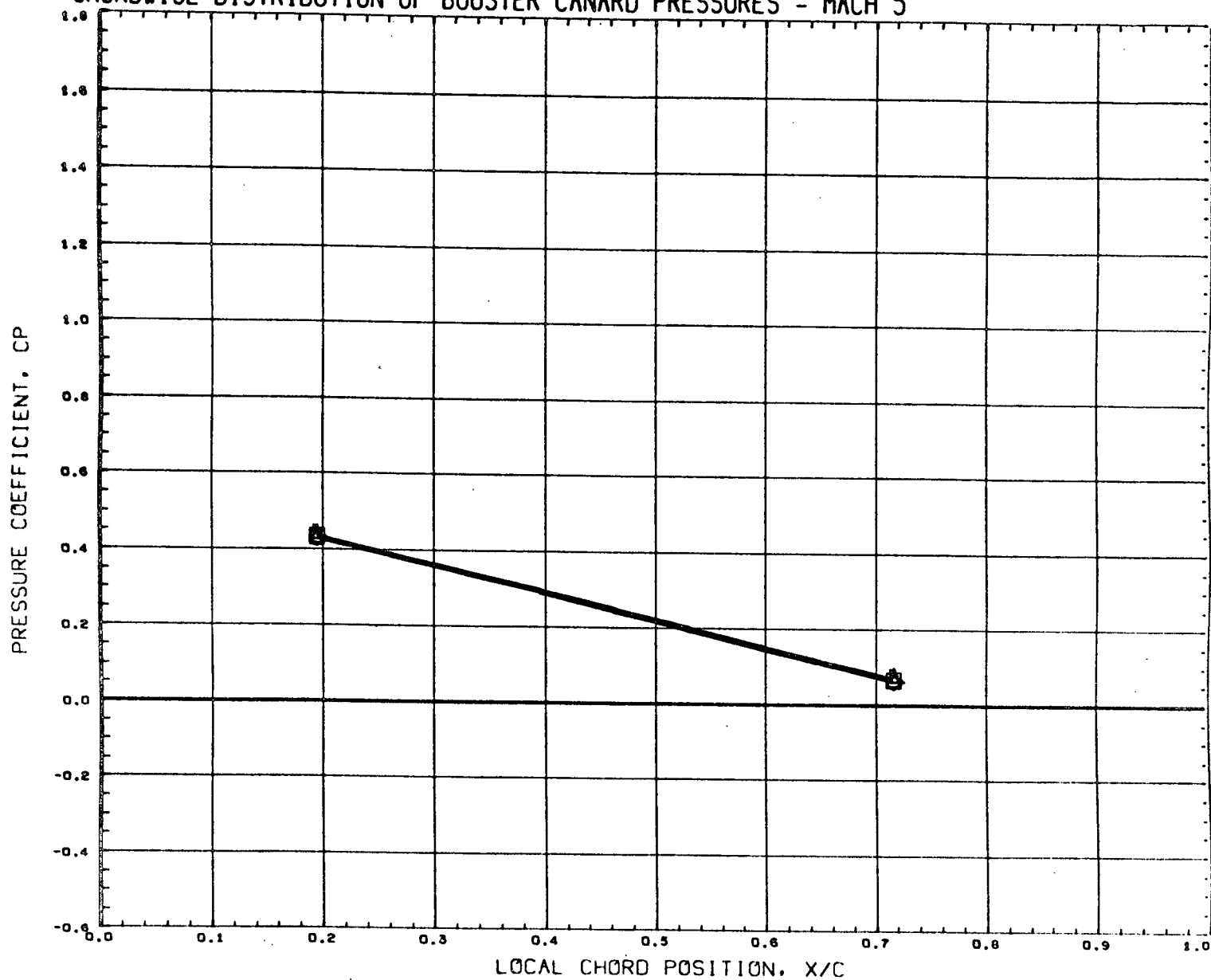


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.228
◇	0.143		
△	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAD	5.090
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

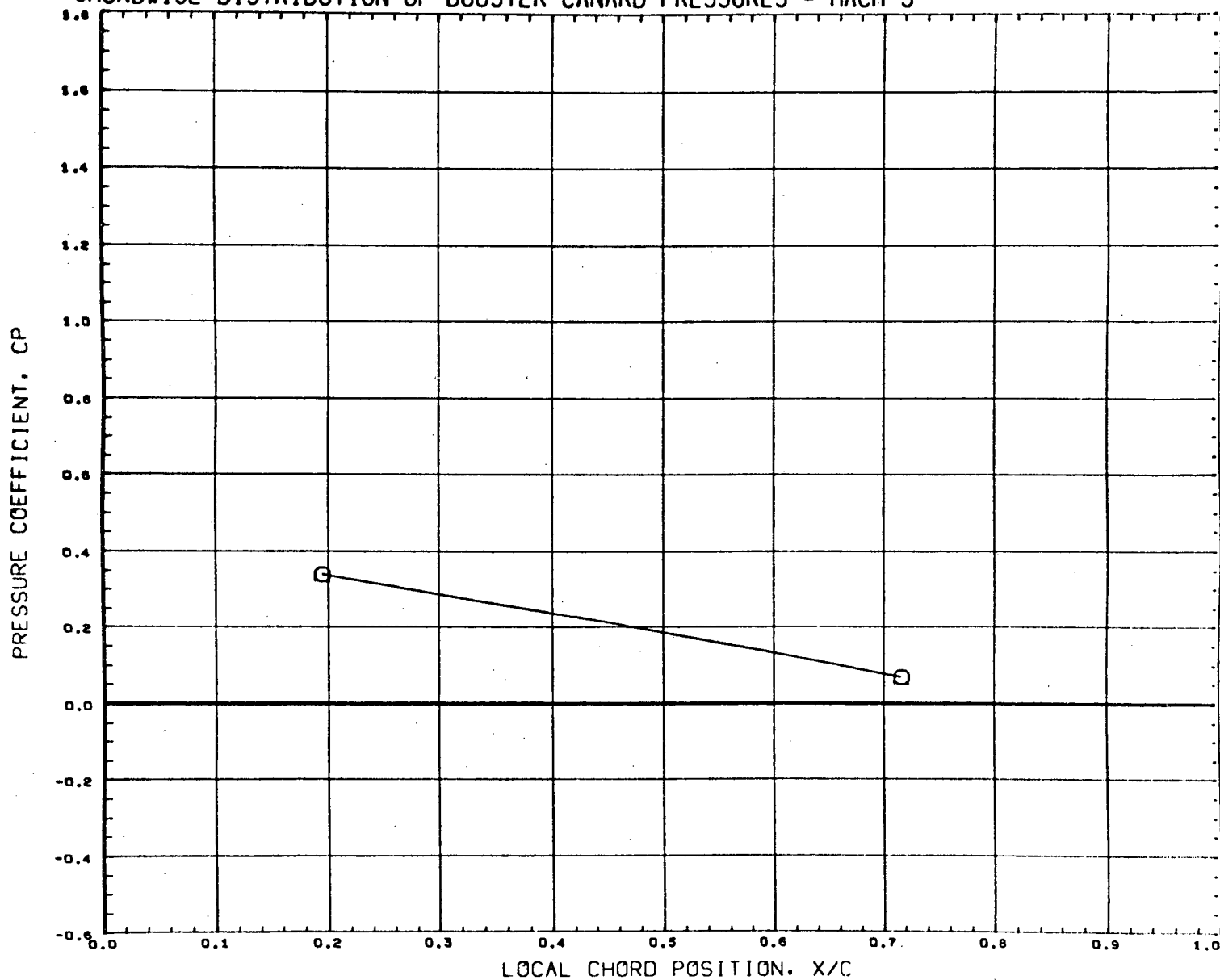


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.090
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.320 0.565 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 3.090
 MACH 4.940 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 50.000

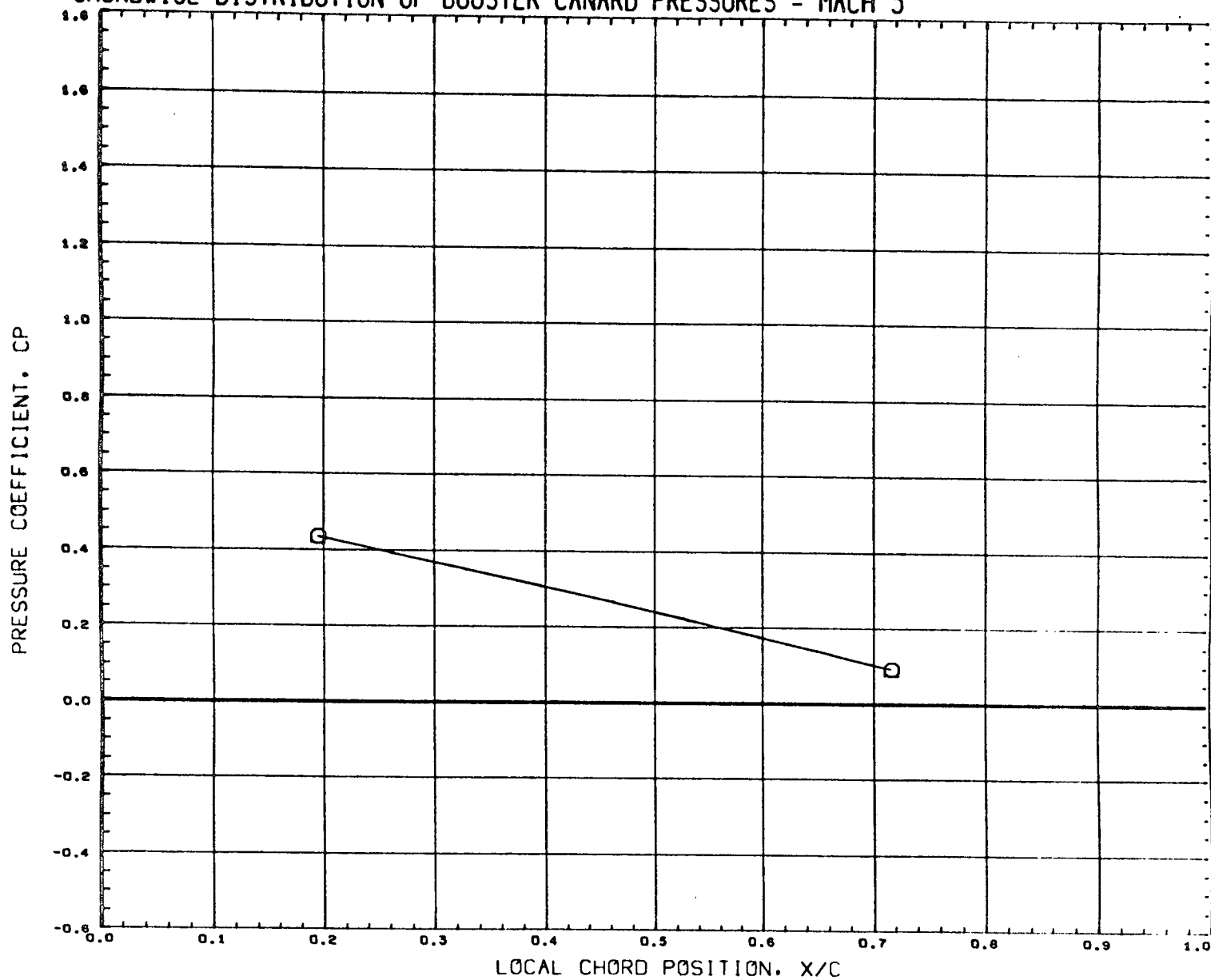
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.320 0.879 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB. - 5.090
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

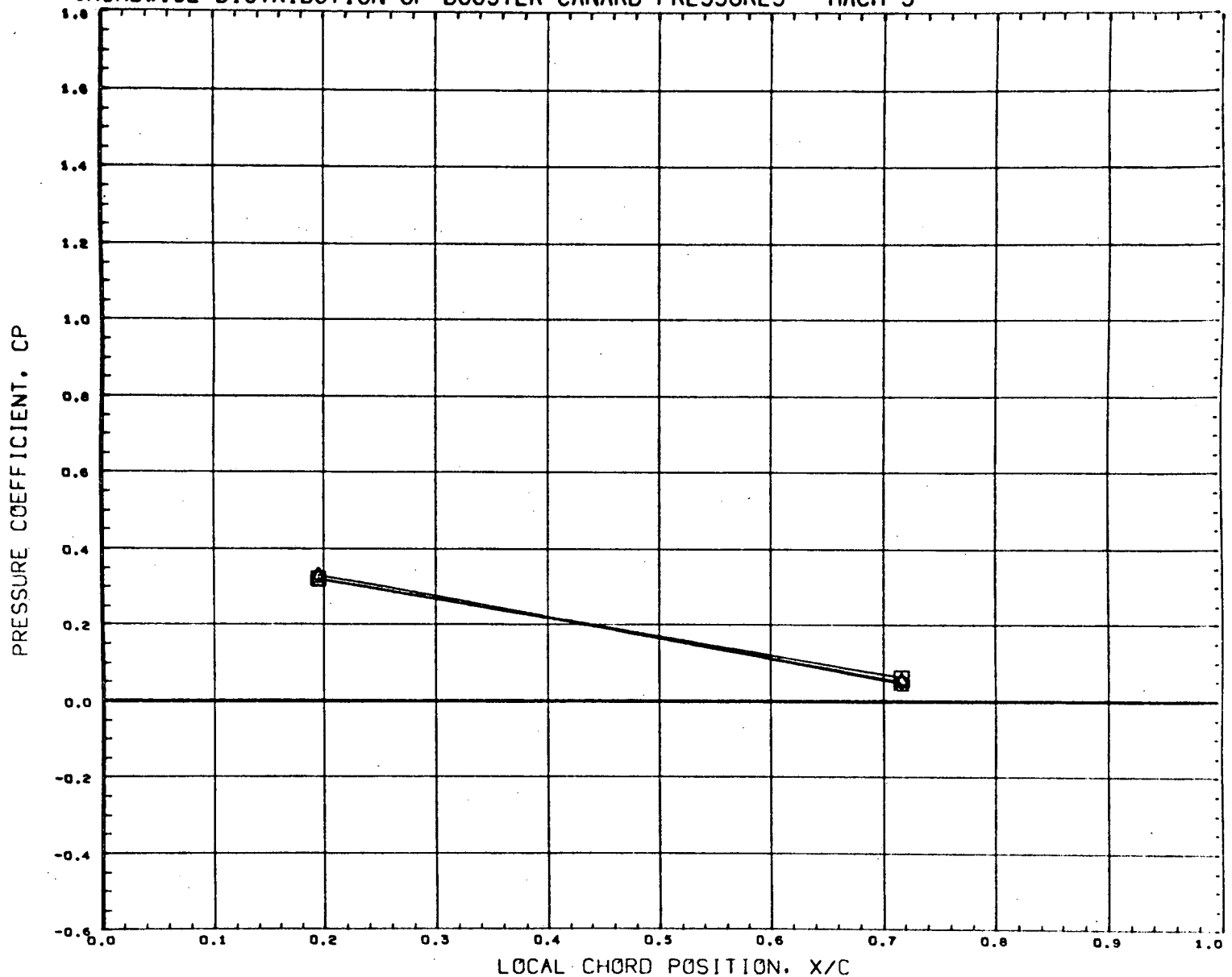
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHAD	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

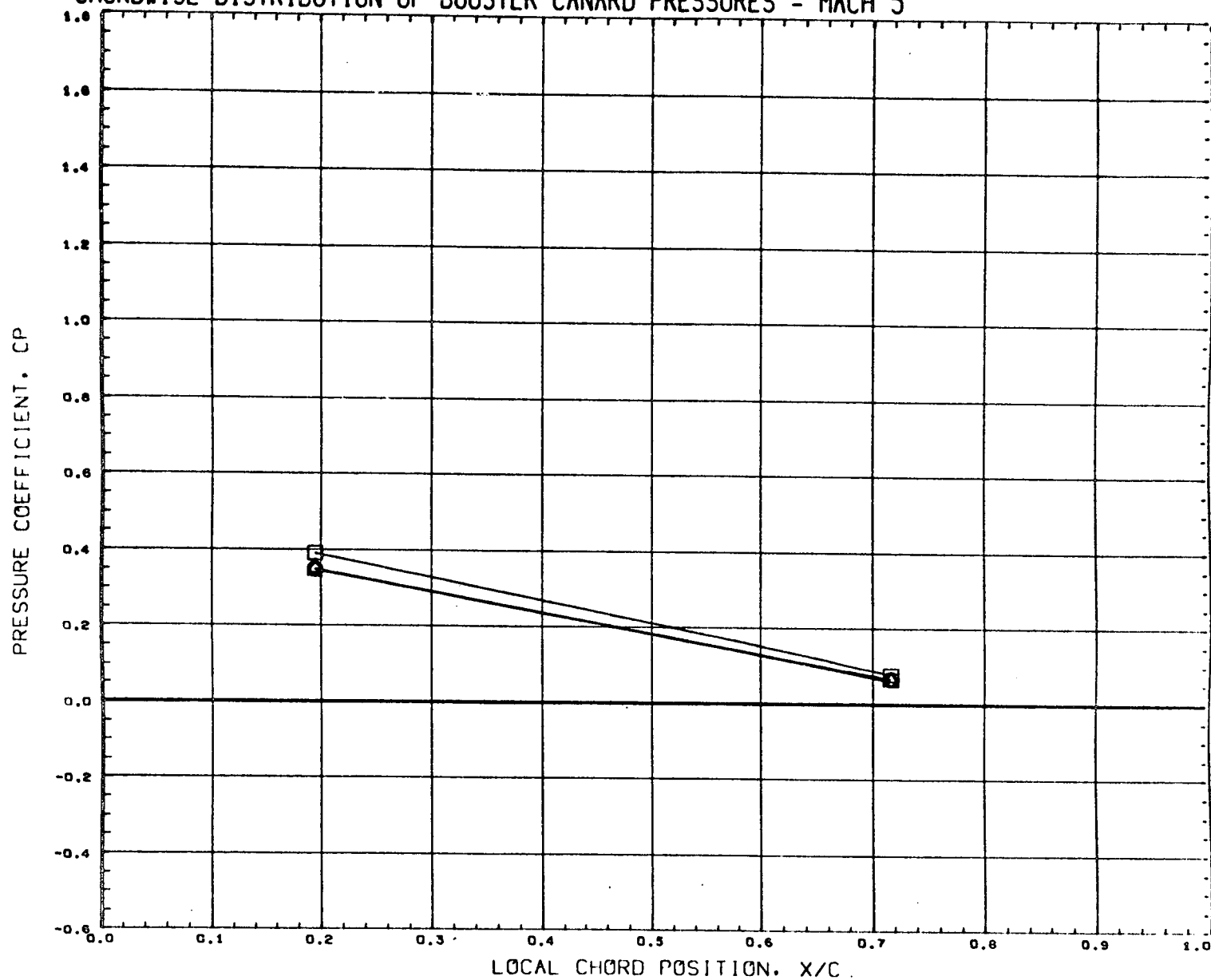
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

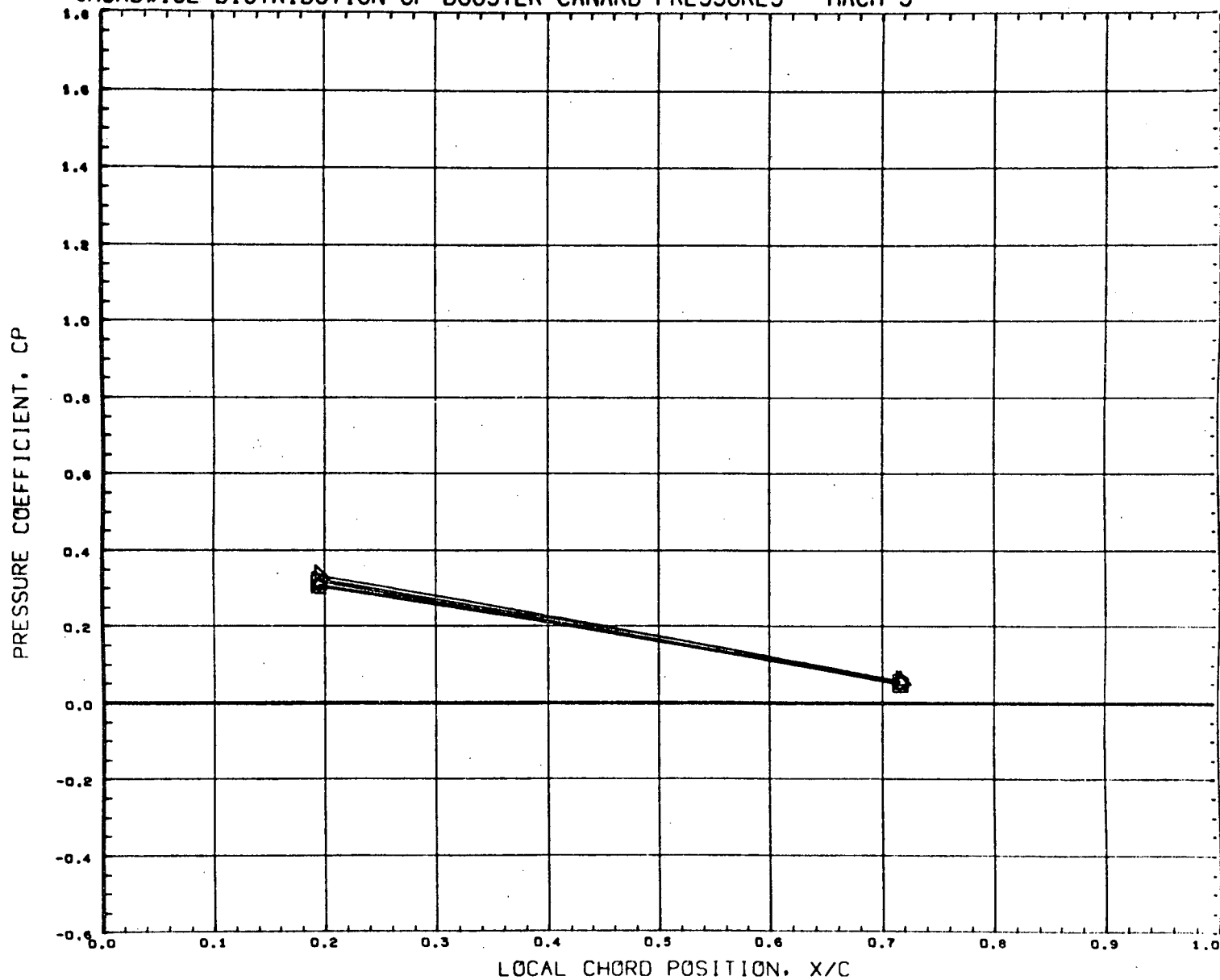
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

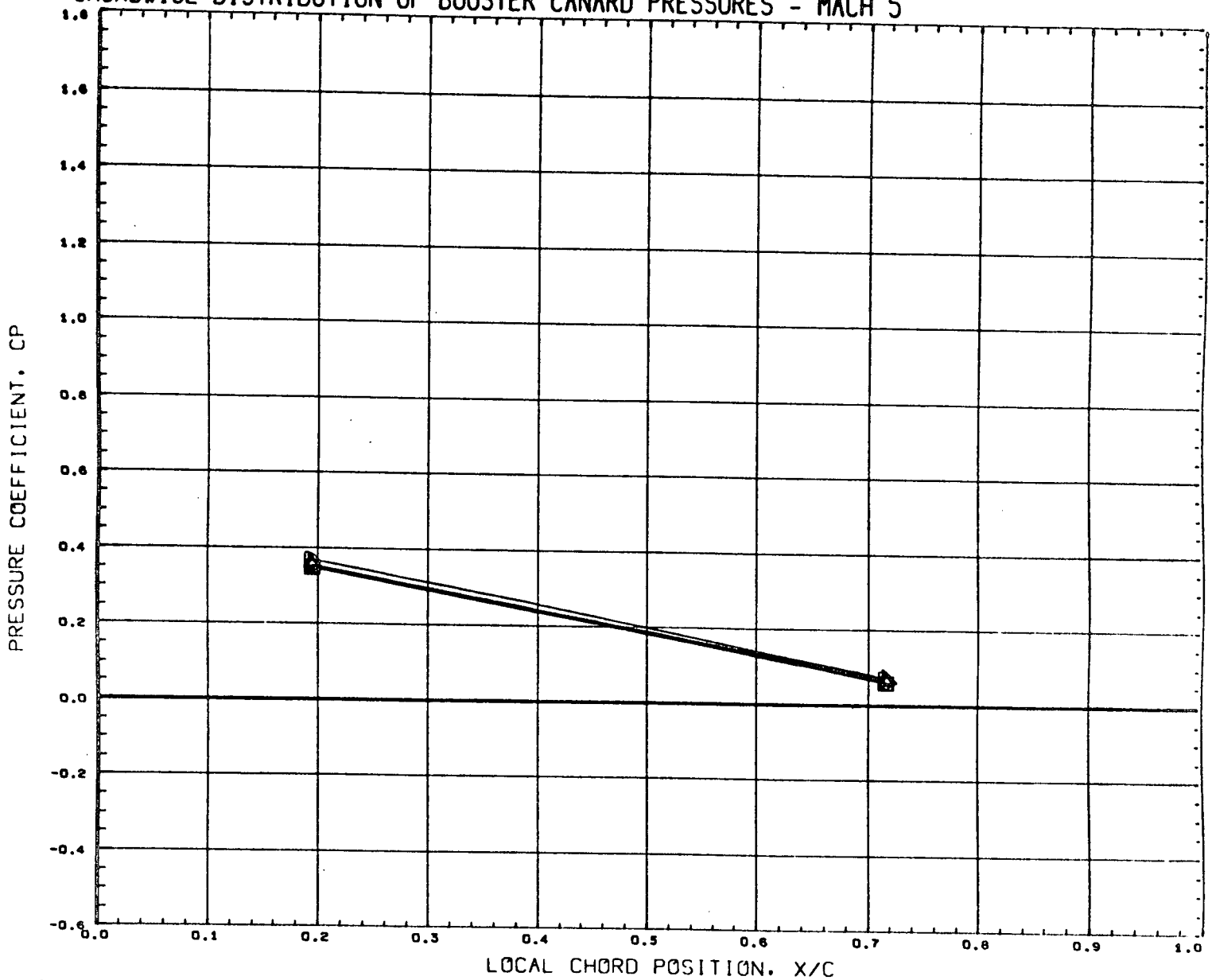


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.565	0.120
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

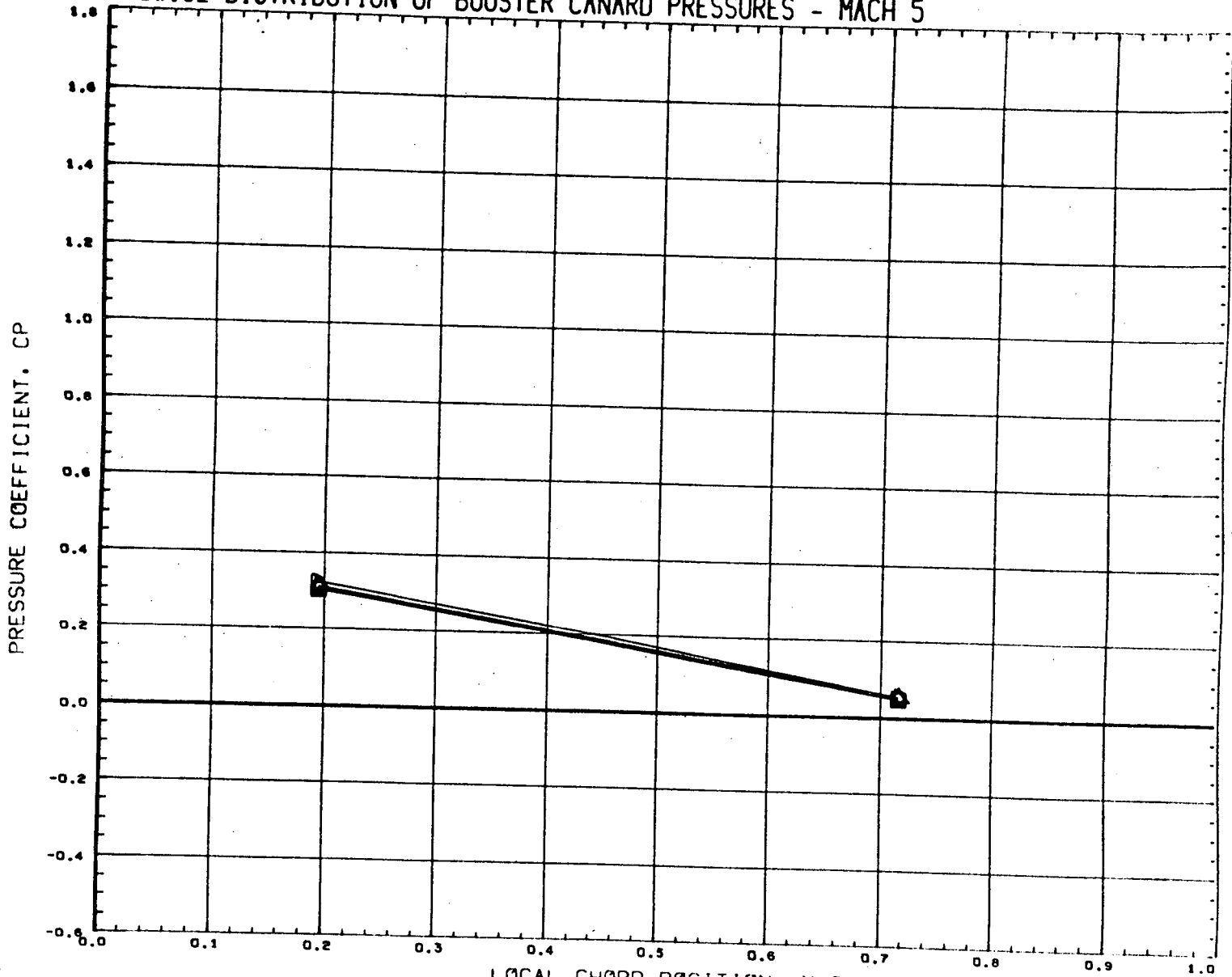


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.879	0.120
△	0.143		
◇	0.020		
□	0.103		
▧	0.227		
▨	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.565	0.151
-	0.143		
-	0.020		
-	0.103		
-	0.227		
-	0.350		

REFERENCE FILE

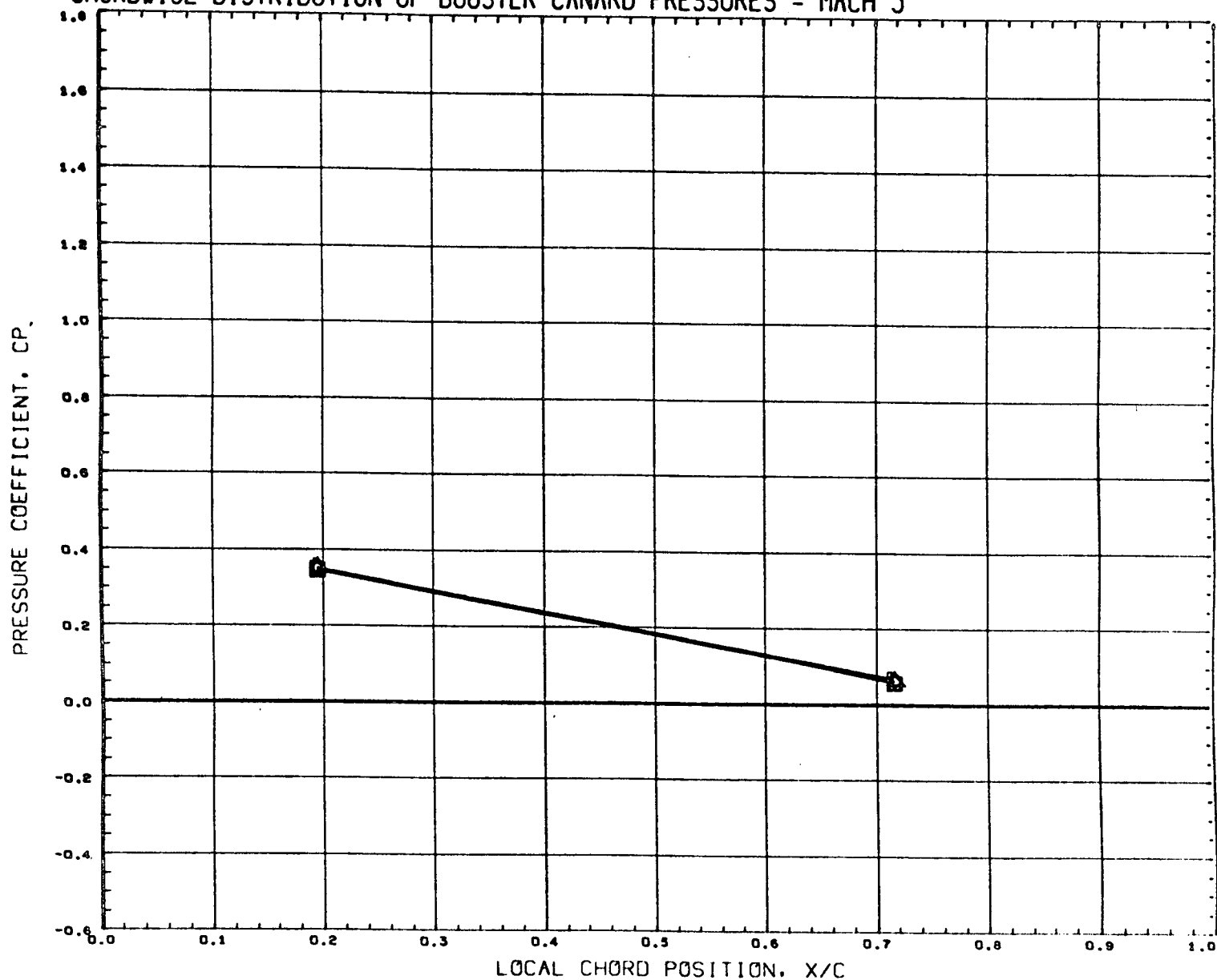
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

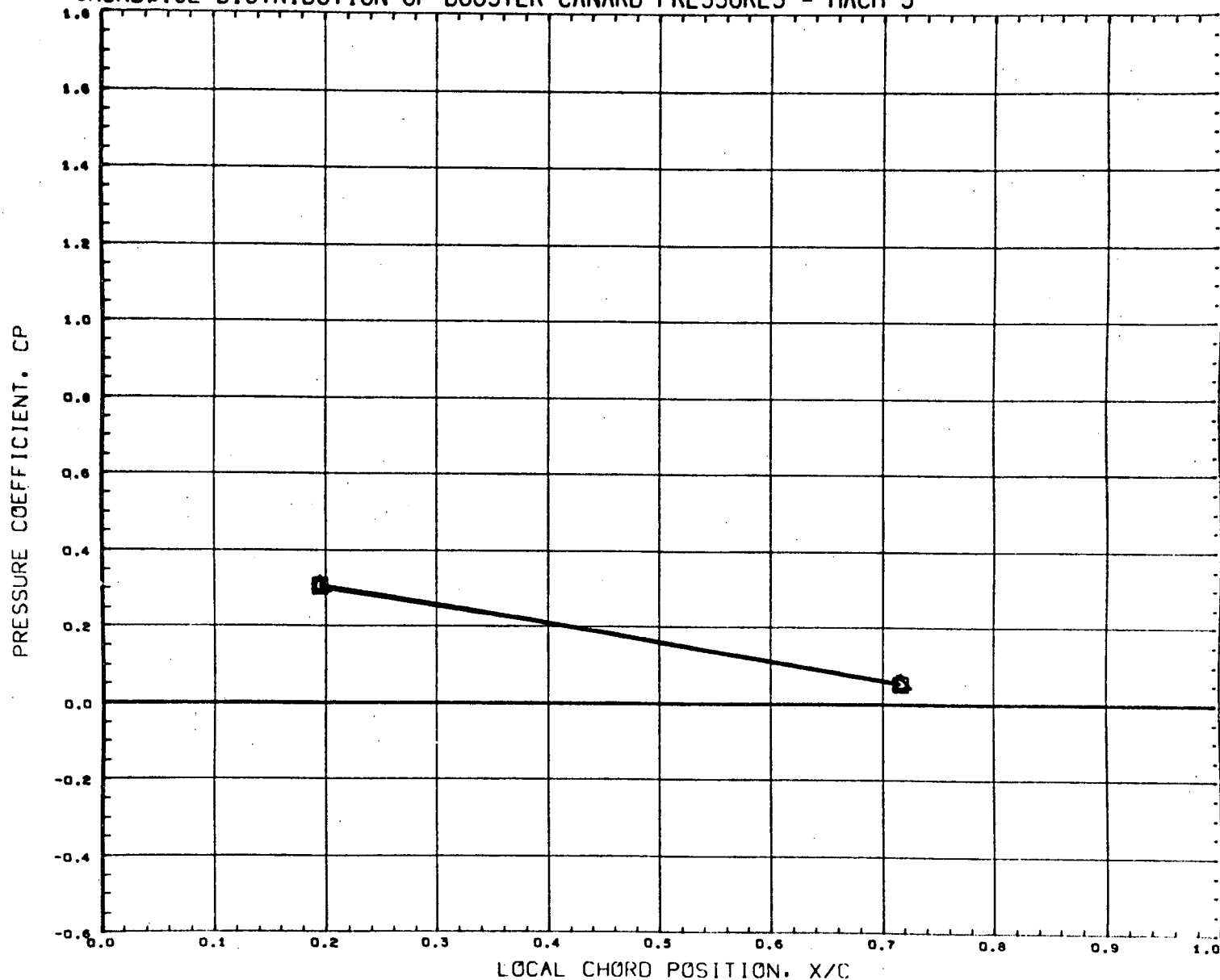


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.879	0.151
△	0.143		
◇	0.020		
◻	0.103		
◼	0.227		
◽	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAD	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

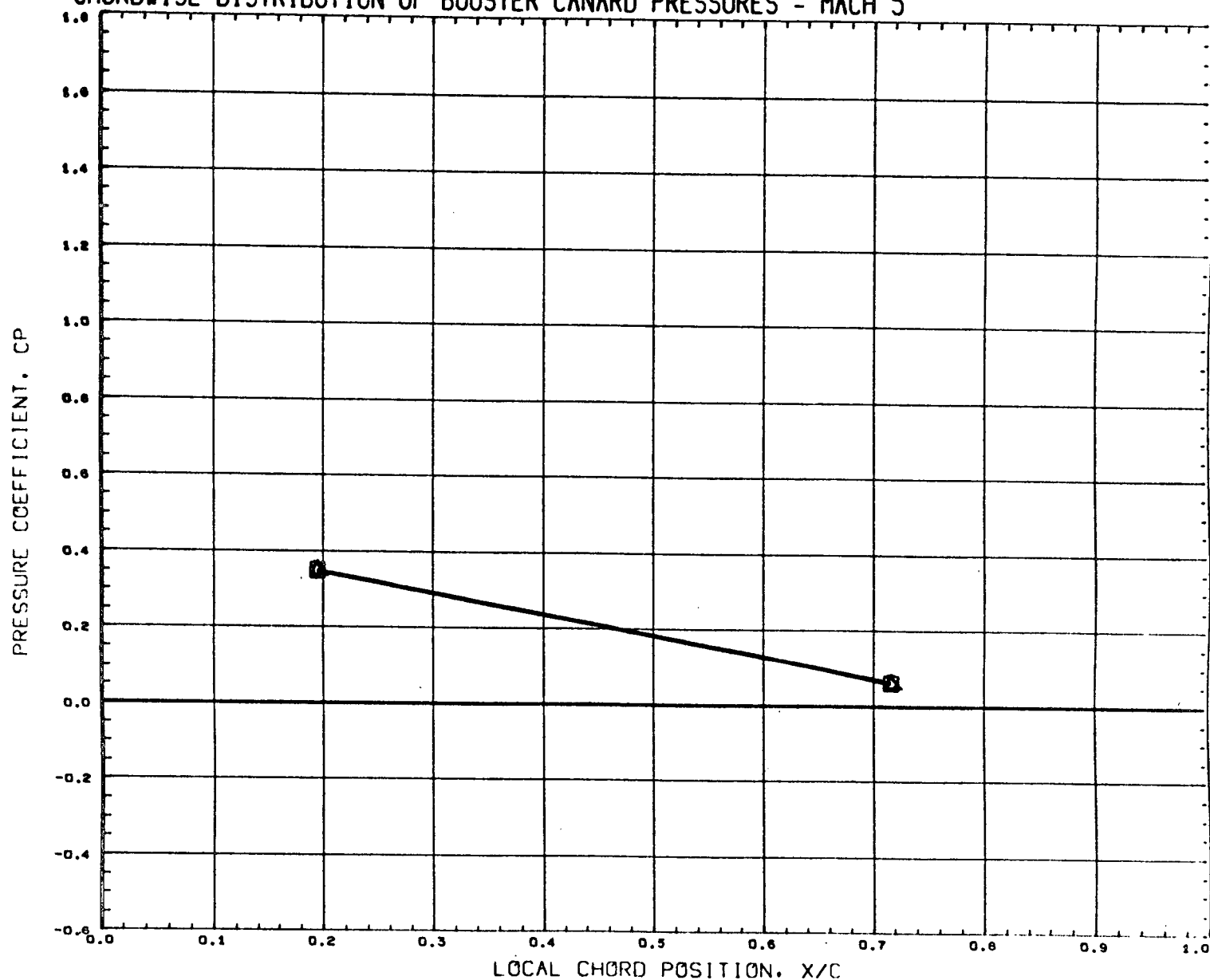


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

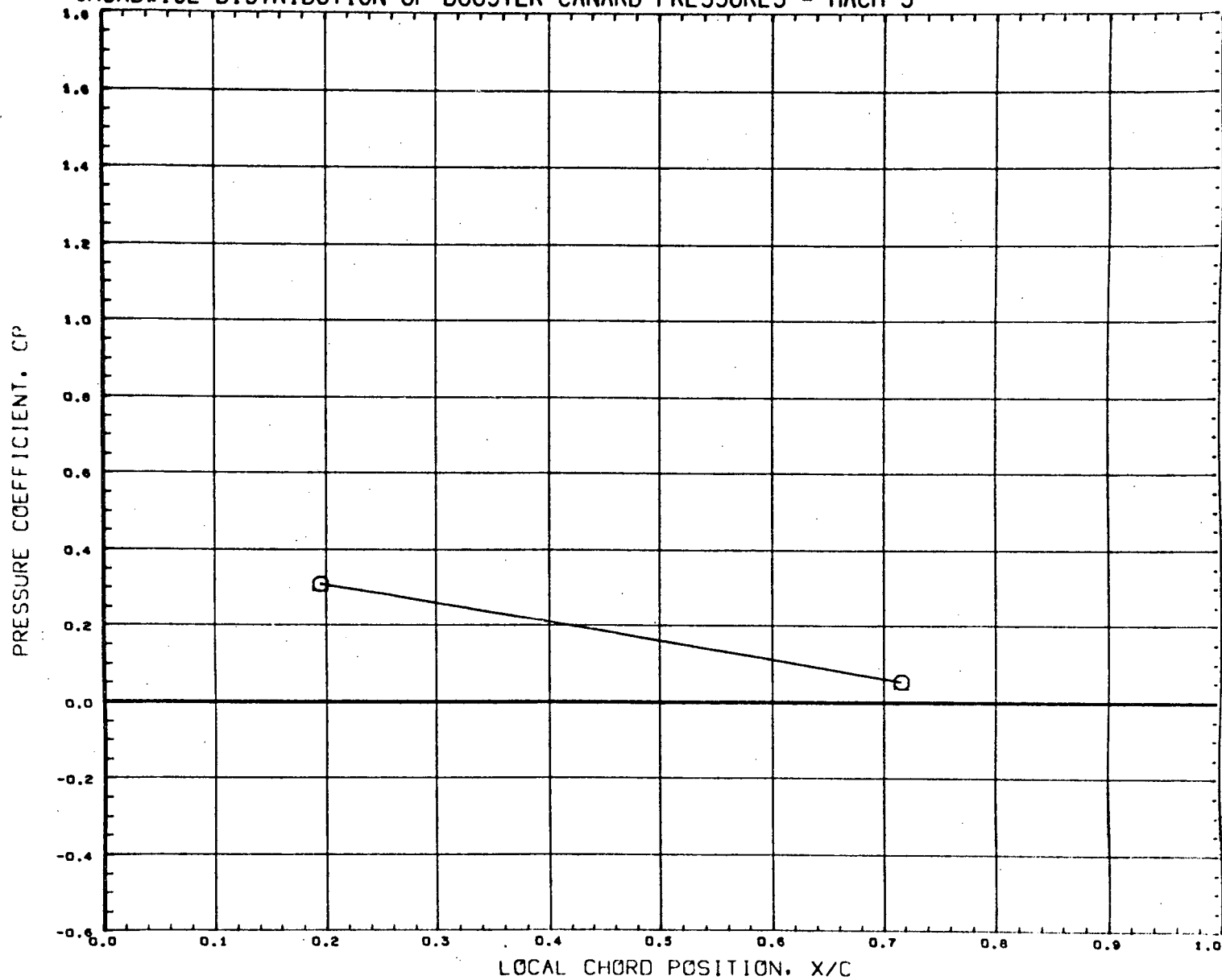


SYMBOL	DELTAX	Y/B	DELTAZ
□	- 0.390	0.879	0.228
△	- 0.143		
◇	- 0.020		
◻	0.103		
◼	0.227		
◽	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	ESTPOW	50.000

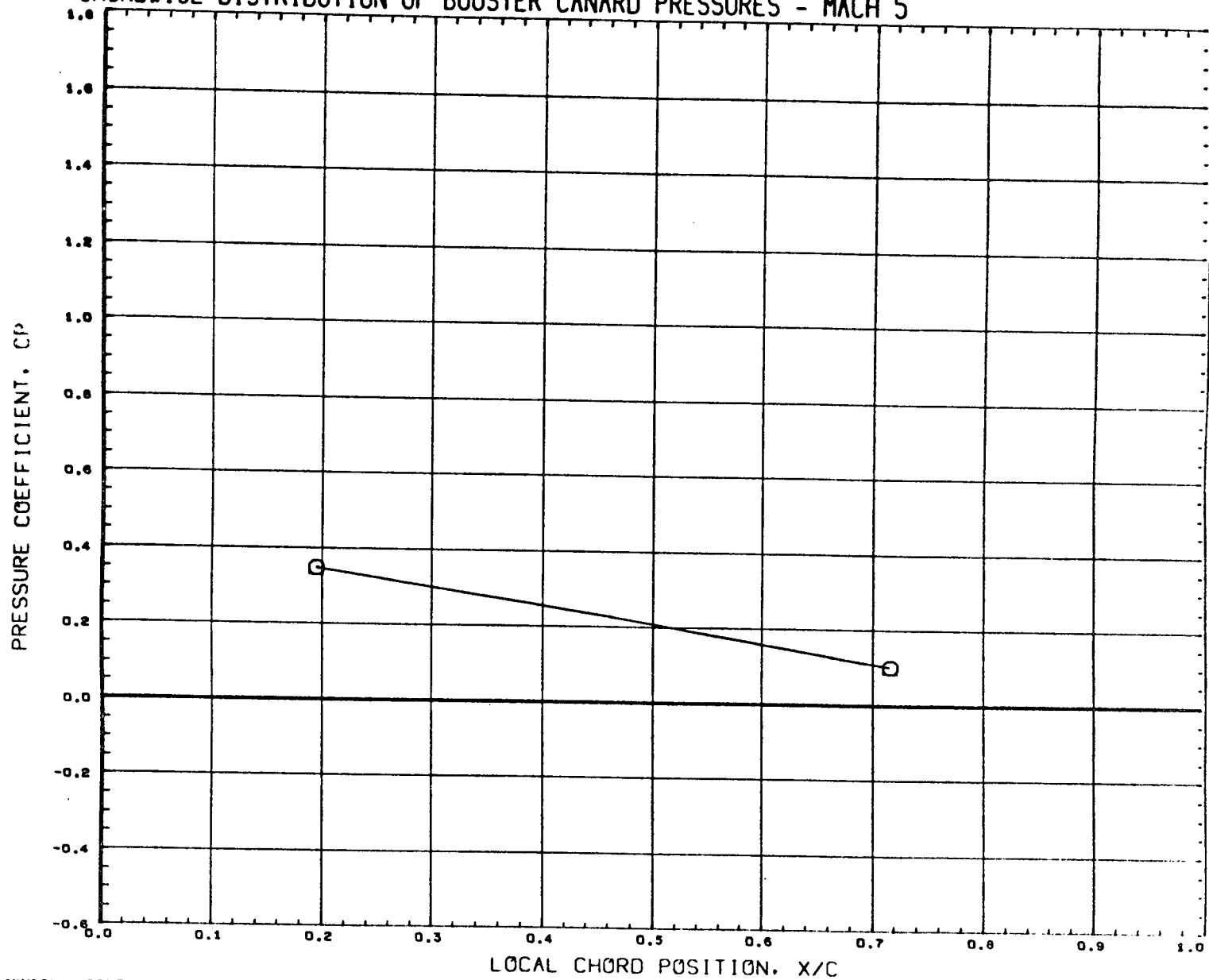
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
() 0.520 0.879 0.908

PARAMETRIC VALUES
BETA 0.000 ALPHAB 0.039
MACH 4.940 ALPHAI 0.000
ORBPOW 100.000 BSTPOW 50.000

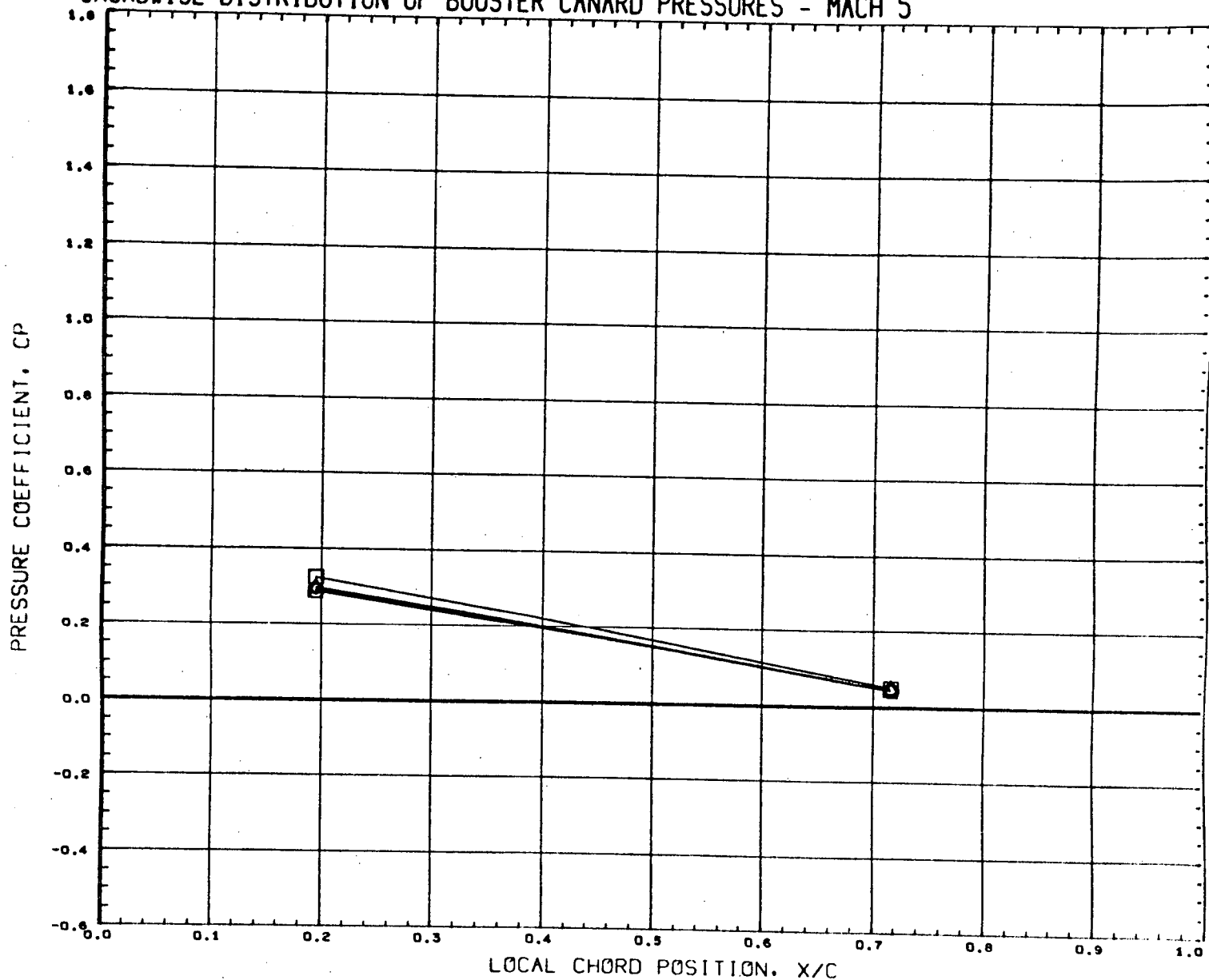
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8533•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.565	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

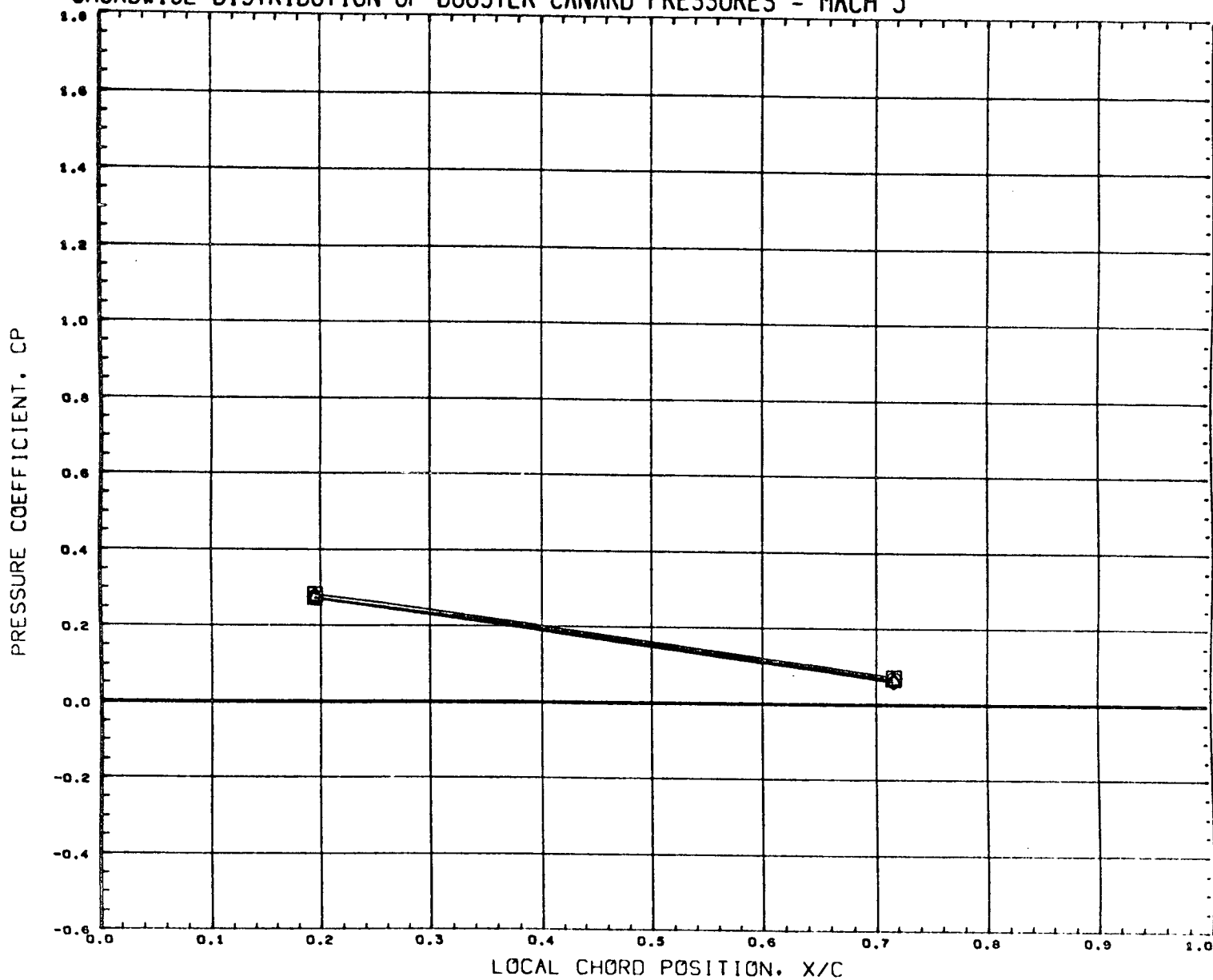
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8534•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

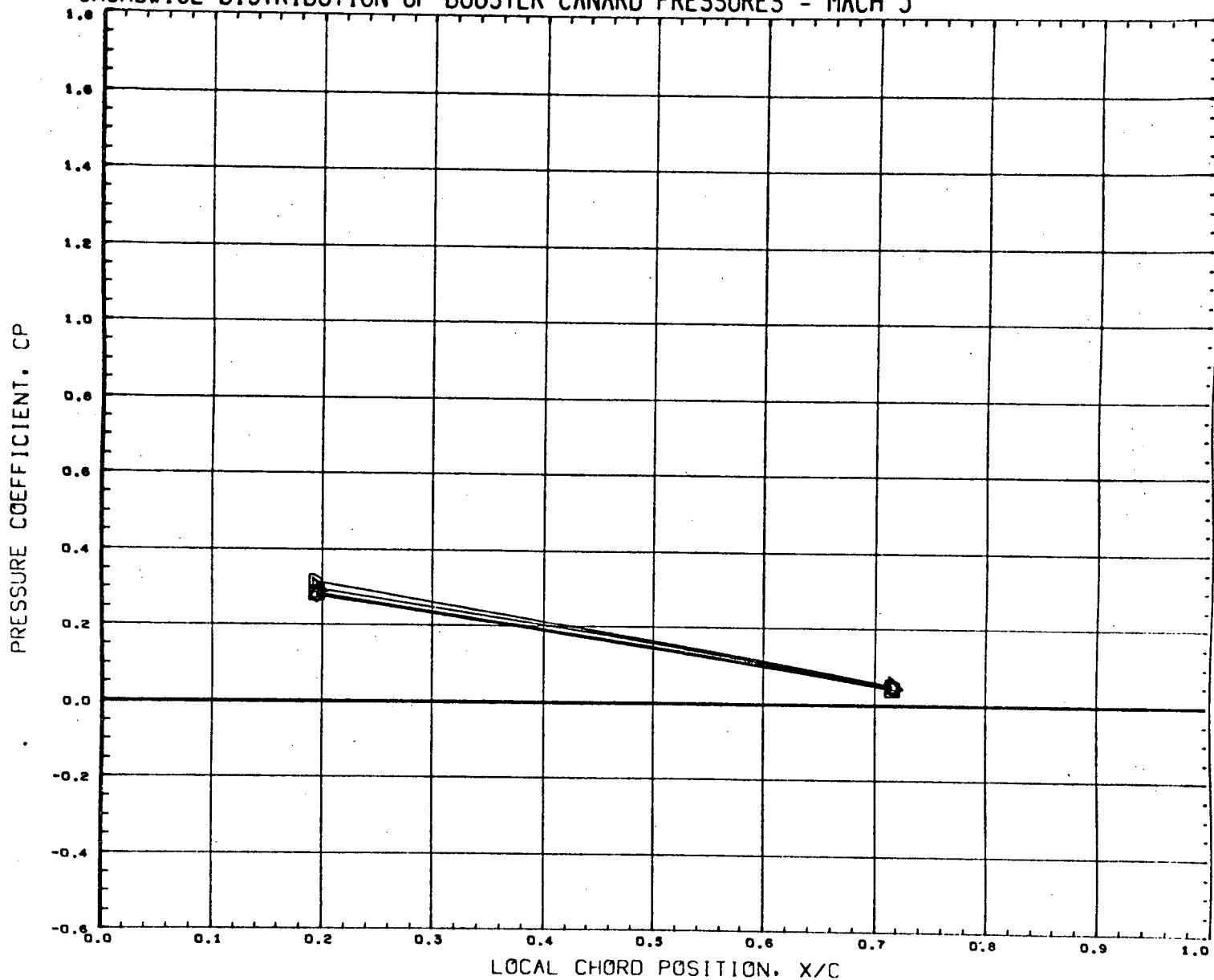
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

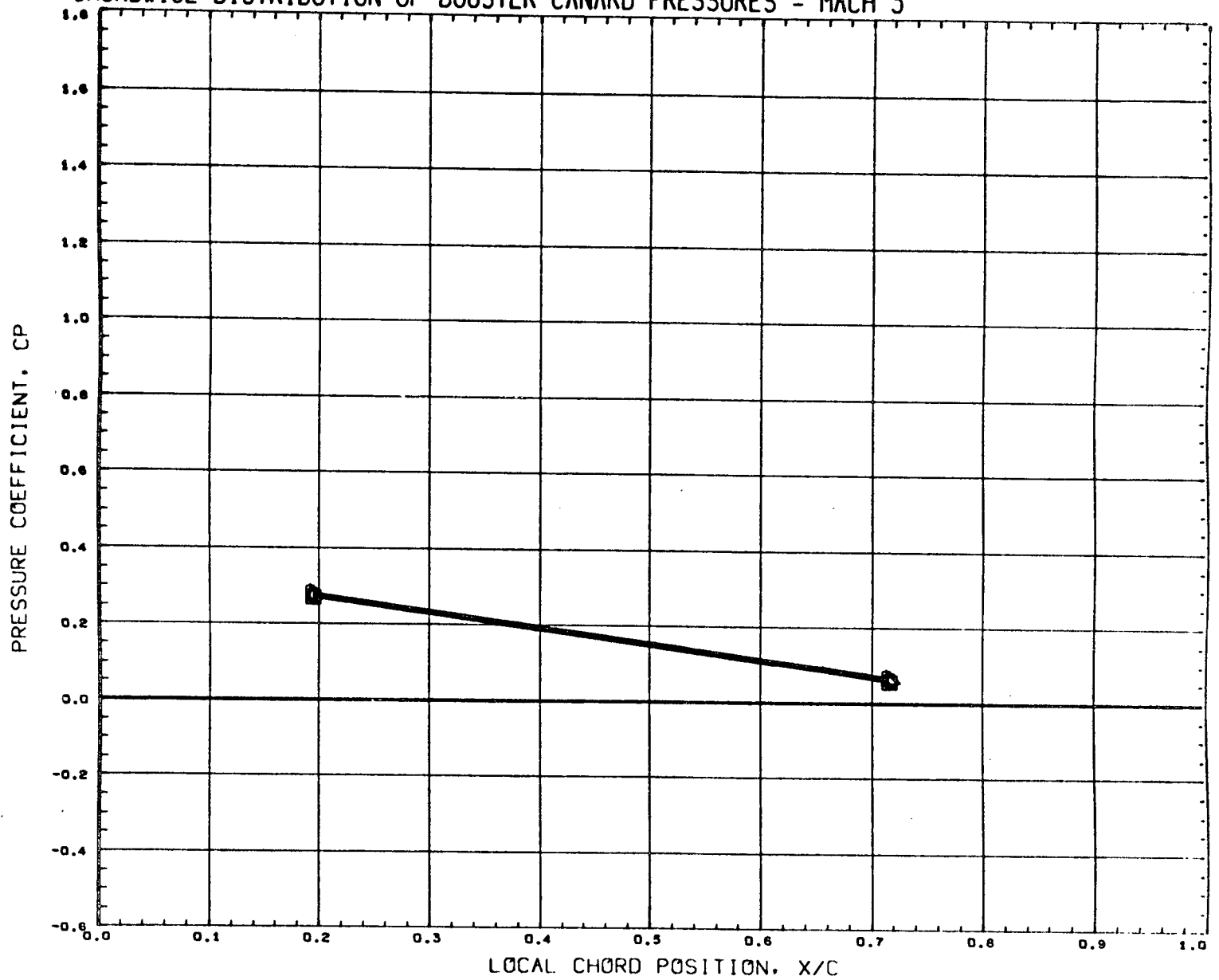


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	5.067
MACH	4.940	ALPHA _I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

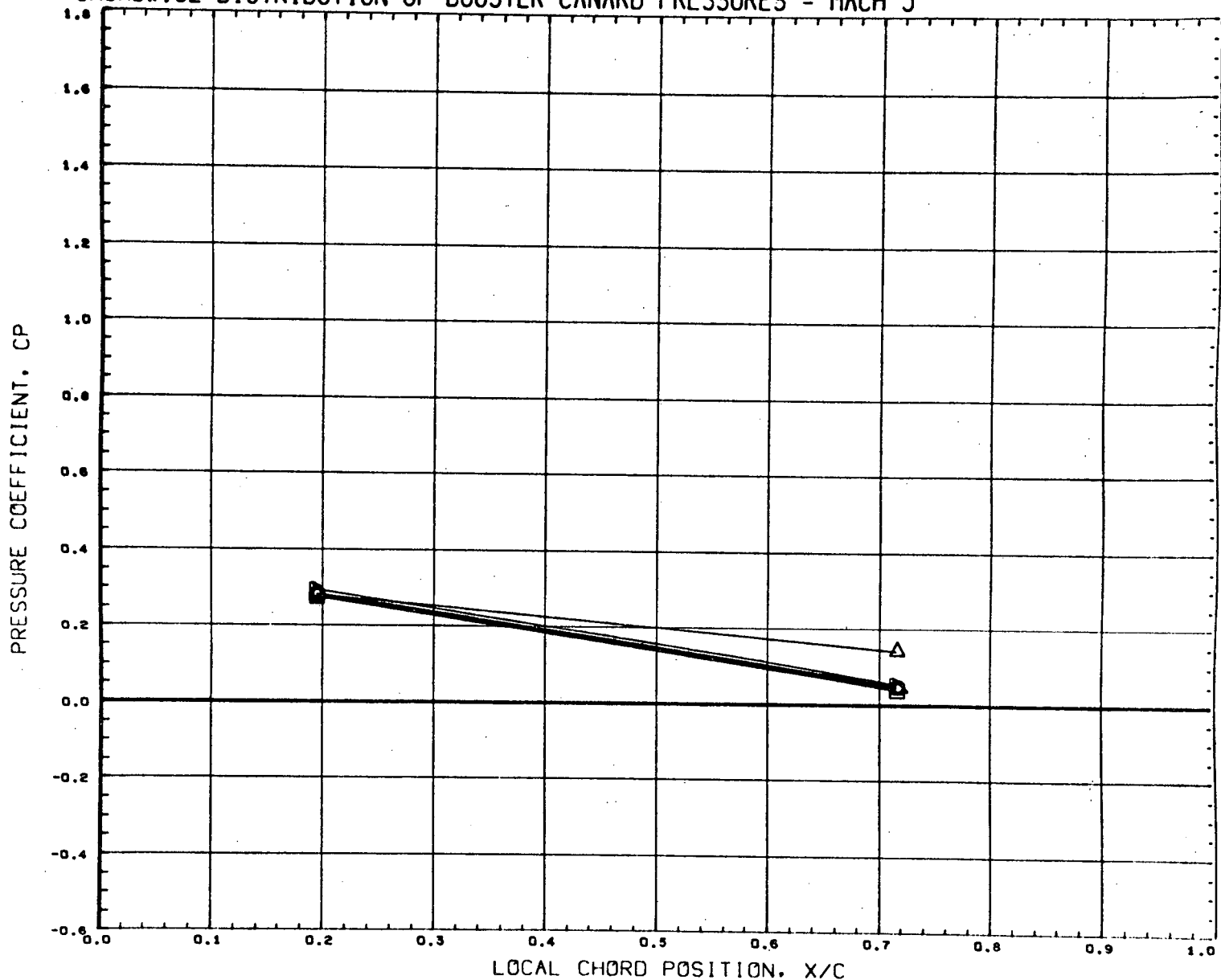


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.879	0.120
◇	0.143		
◇	0.020		
□	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

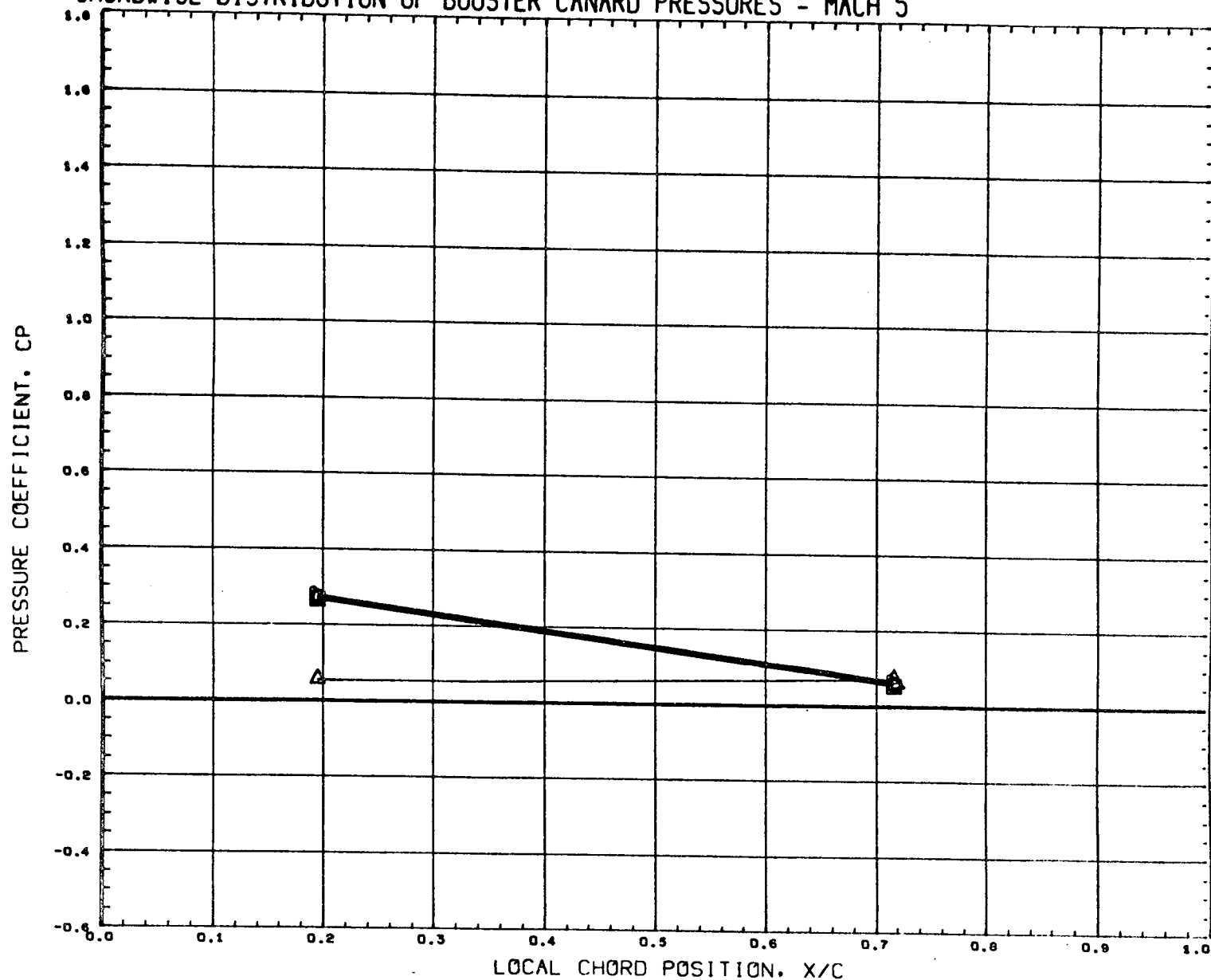


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
◻	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

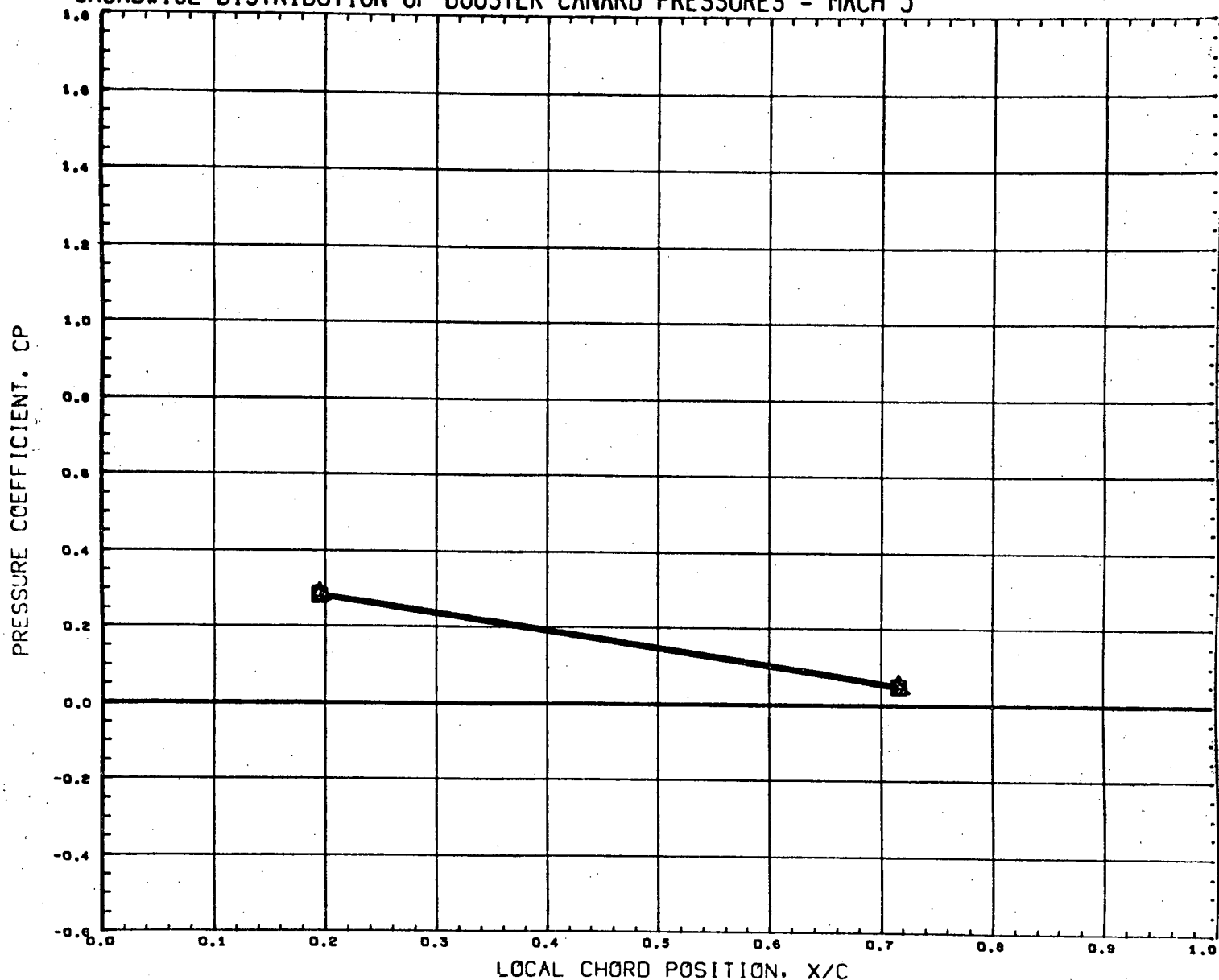


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.151
◇	- 0.143		
◇	- 0.020		
□	0.103		
△	0.227		
△	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.067
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

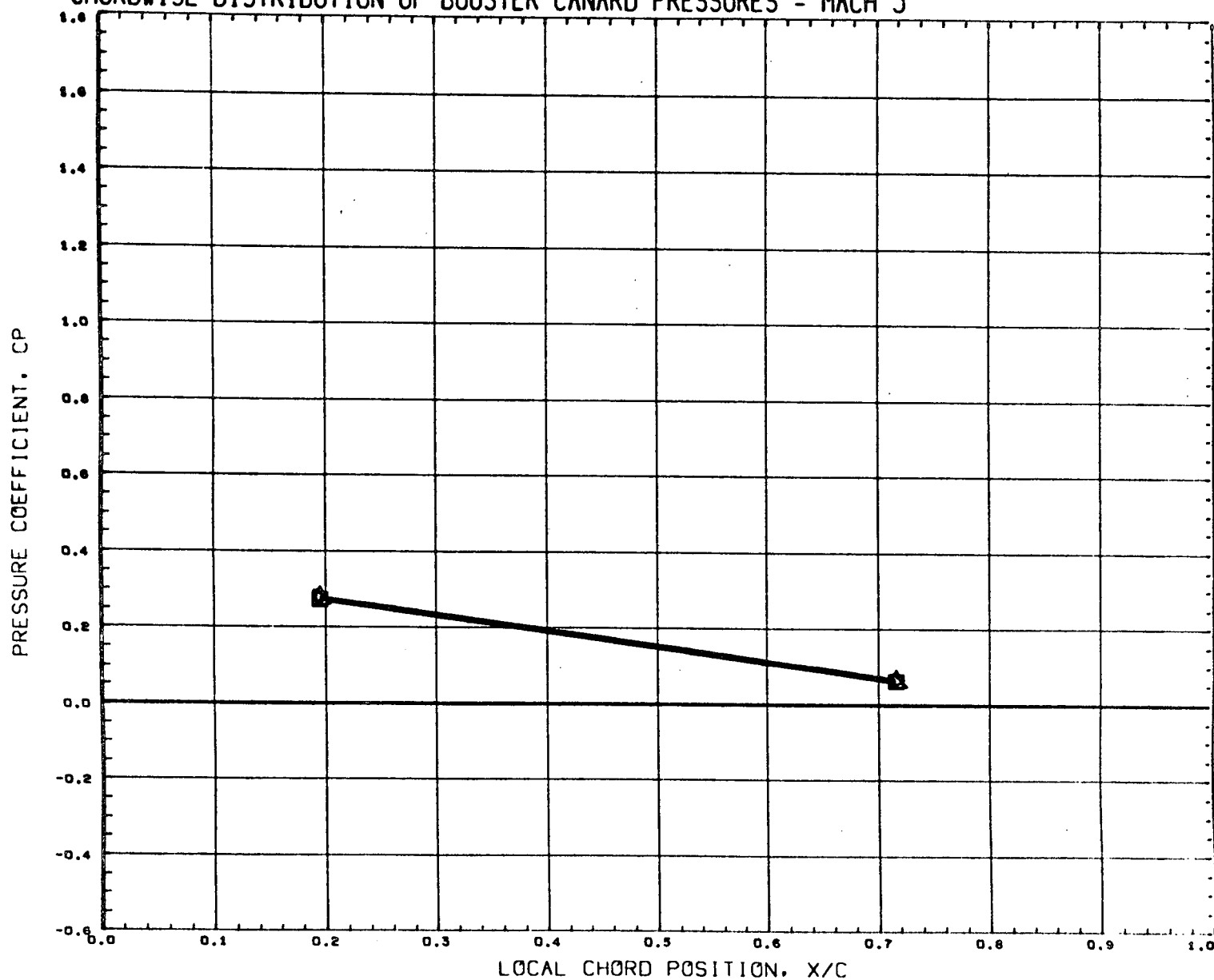


SYMBOL	DELTA X	Y/B	DELTA Z
-	0.390	0.565	0.228
-	0.143		
-	0.020		
	0.103		
	0.227		
	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

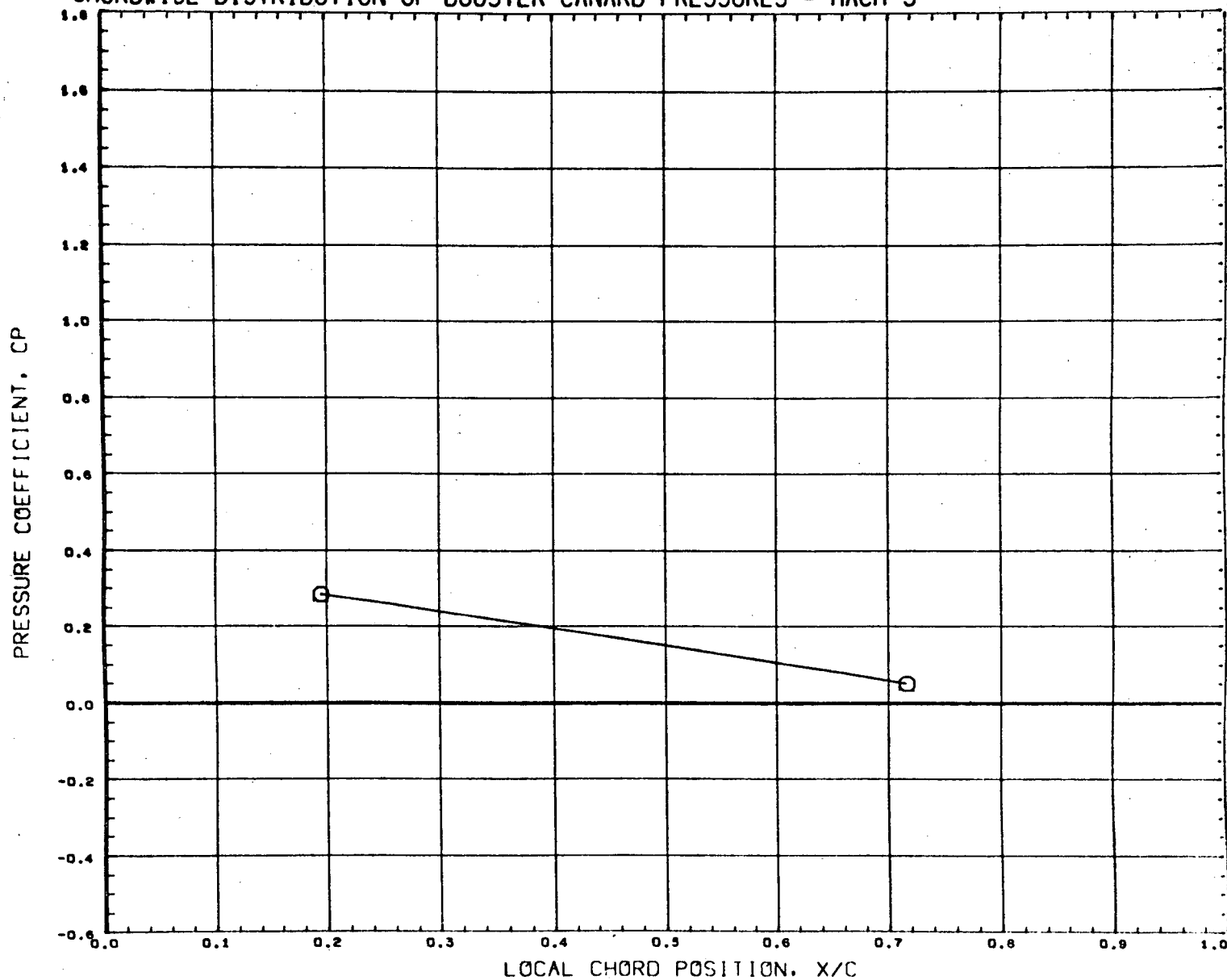


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.879	0.228
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	9.067
MACH	4.940	ALPHA _I	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.565 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.067
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

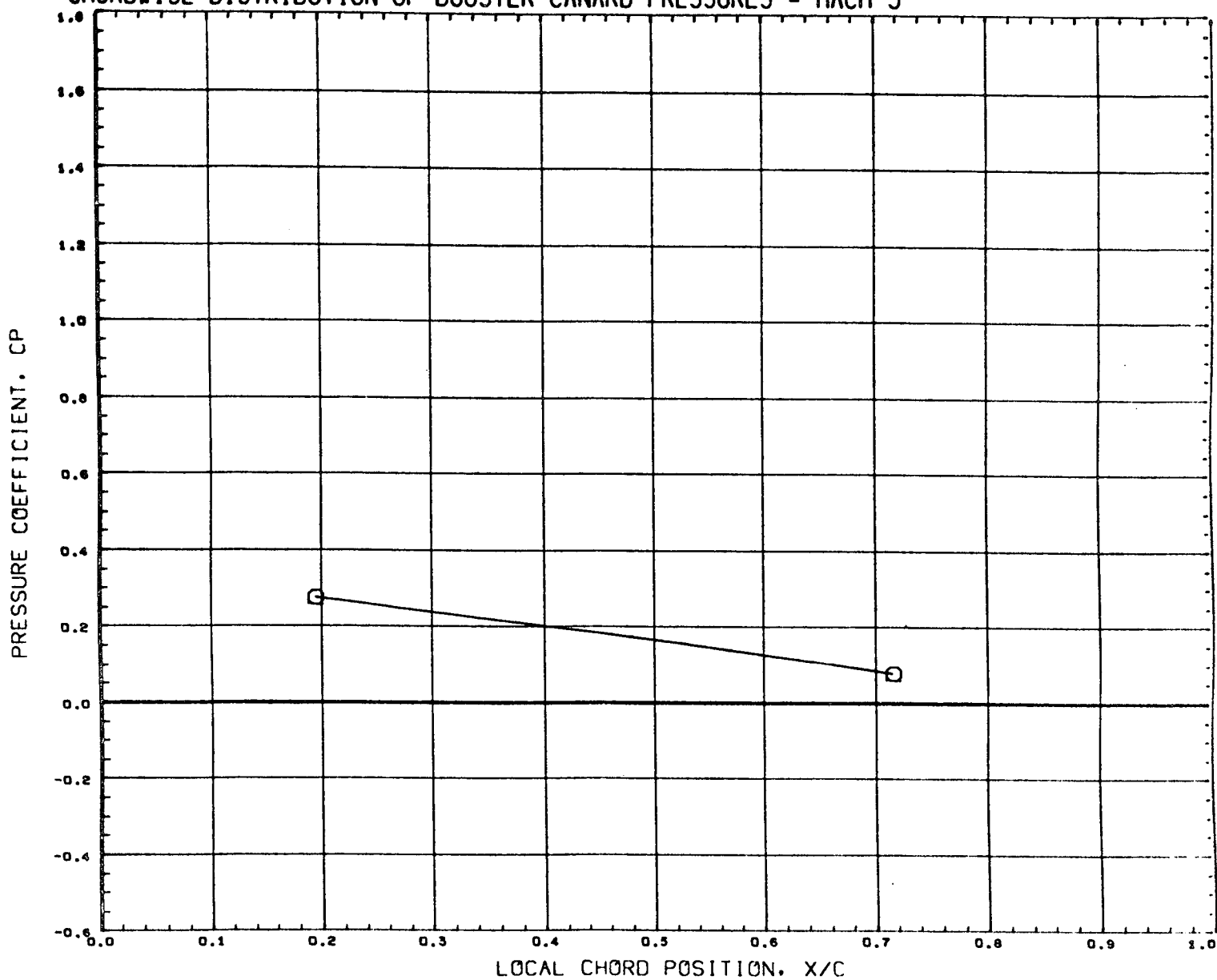
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.007
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

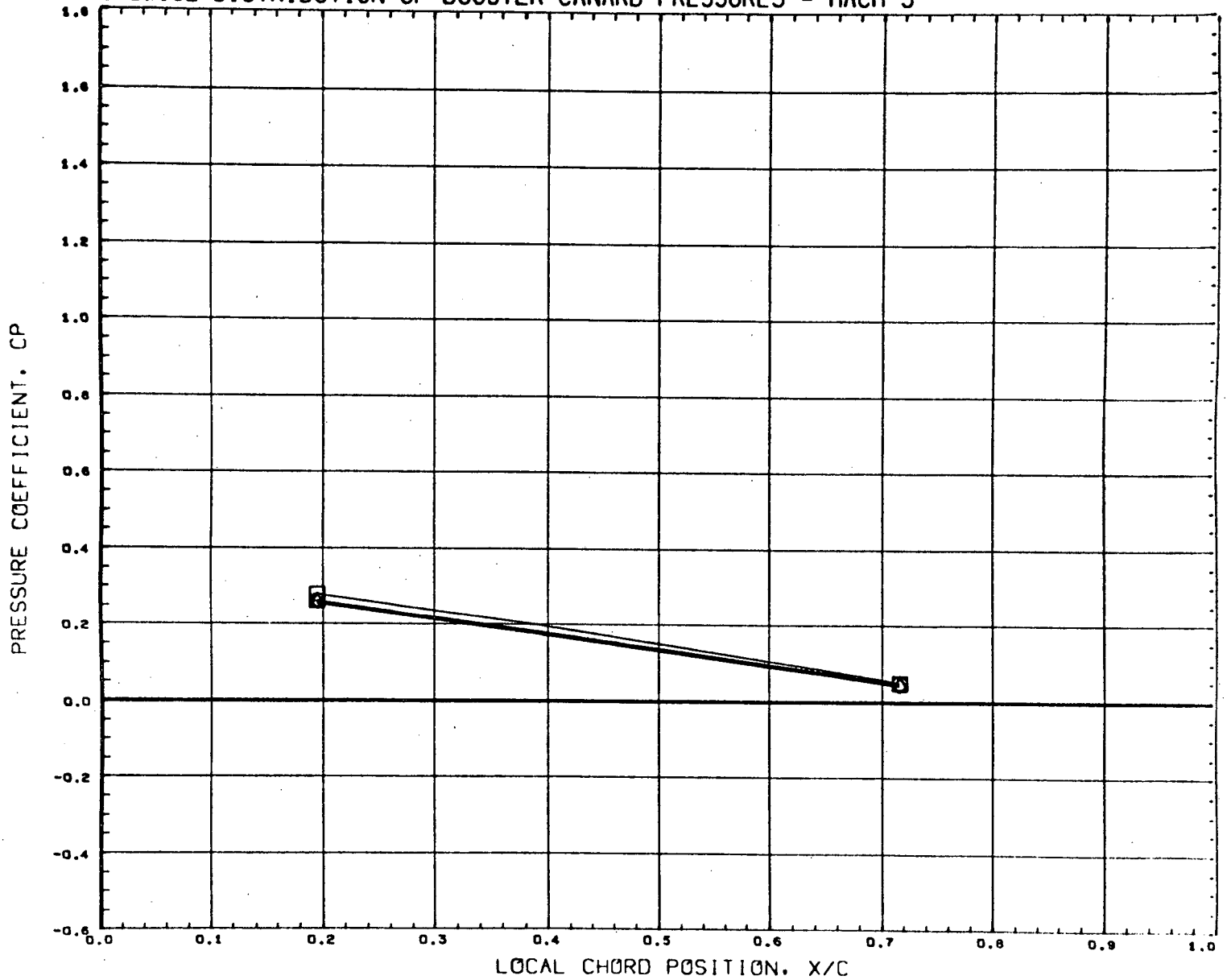
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.365	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

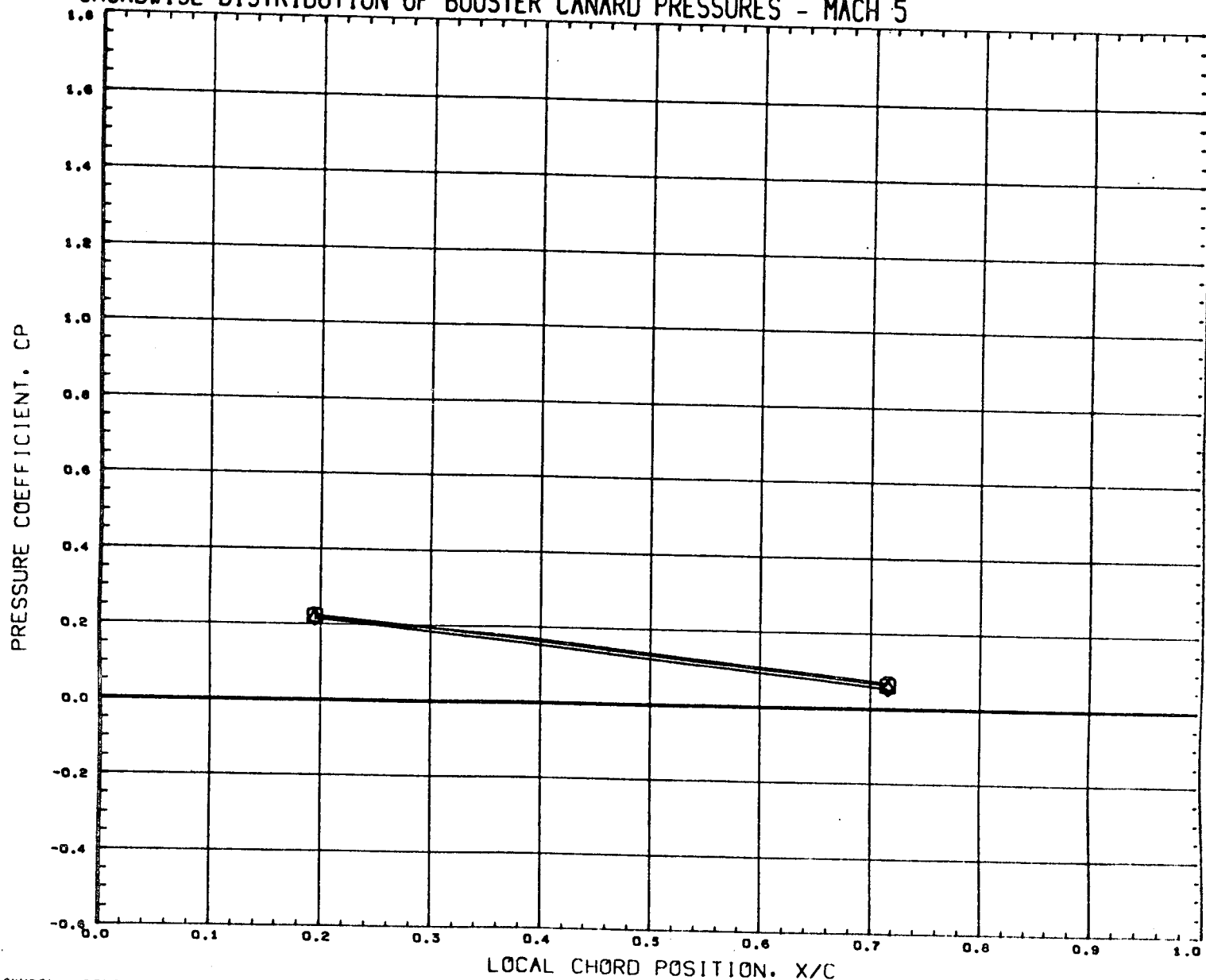
REFERENCE FILE

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.041	0.879	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

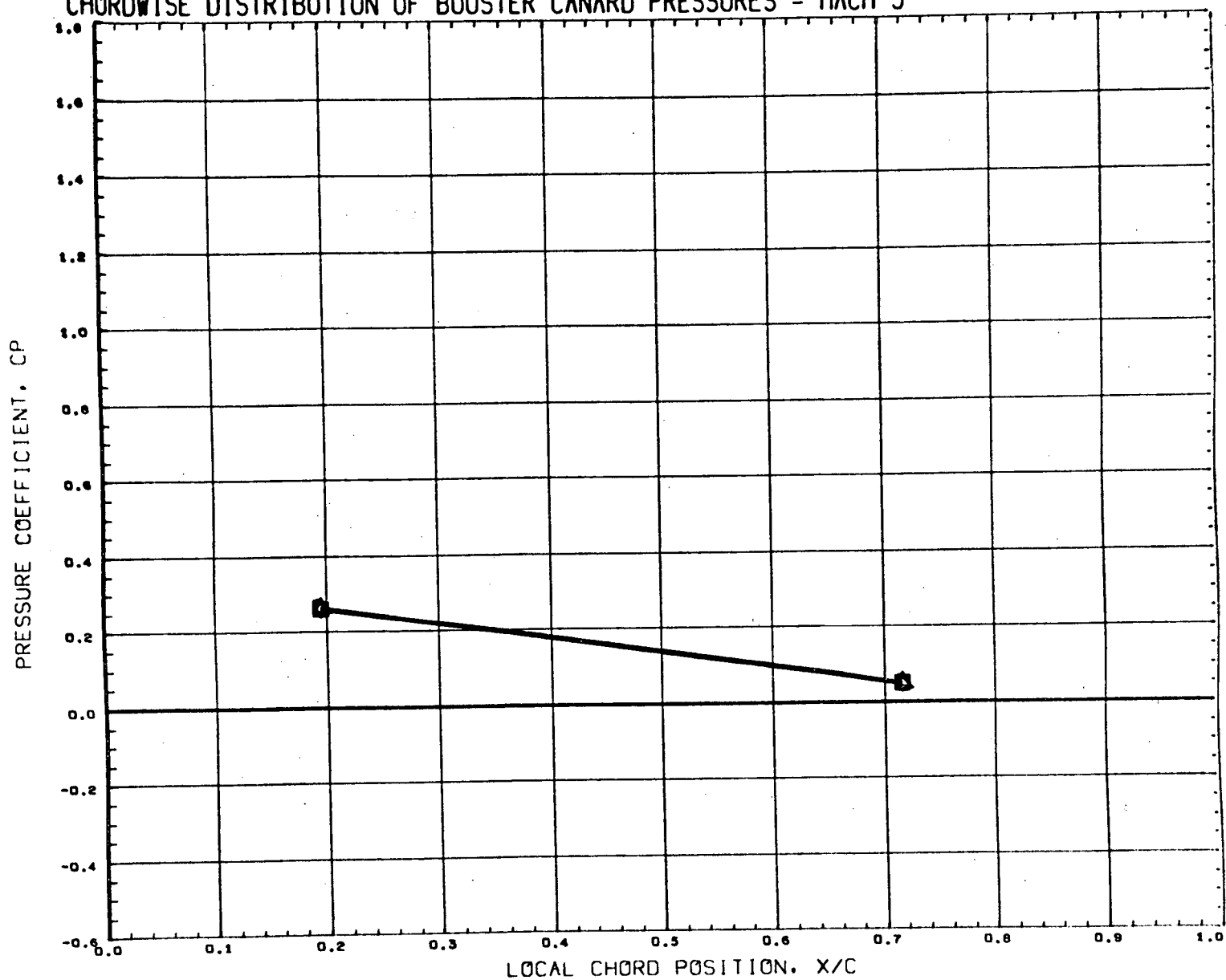
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

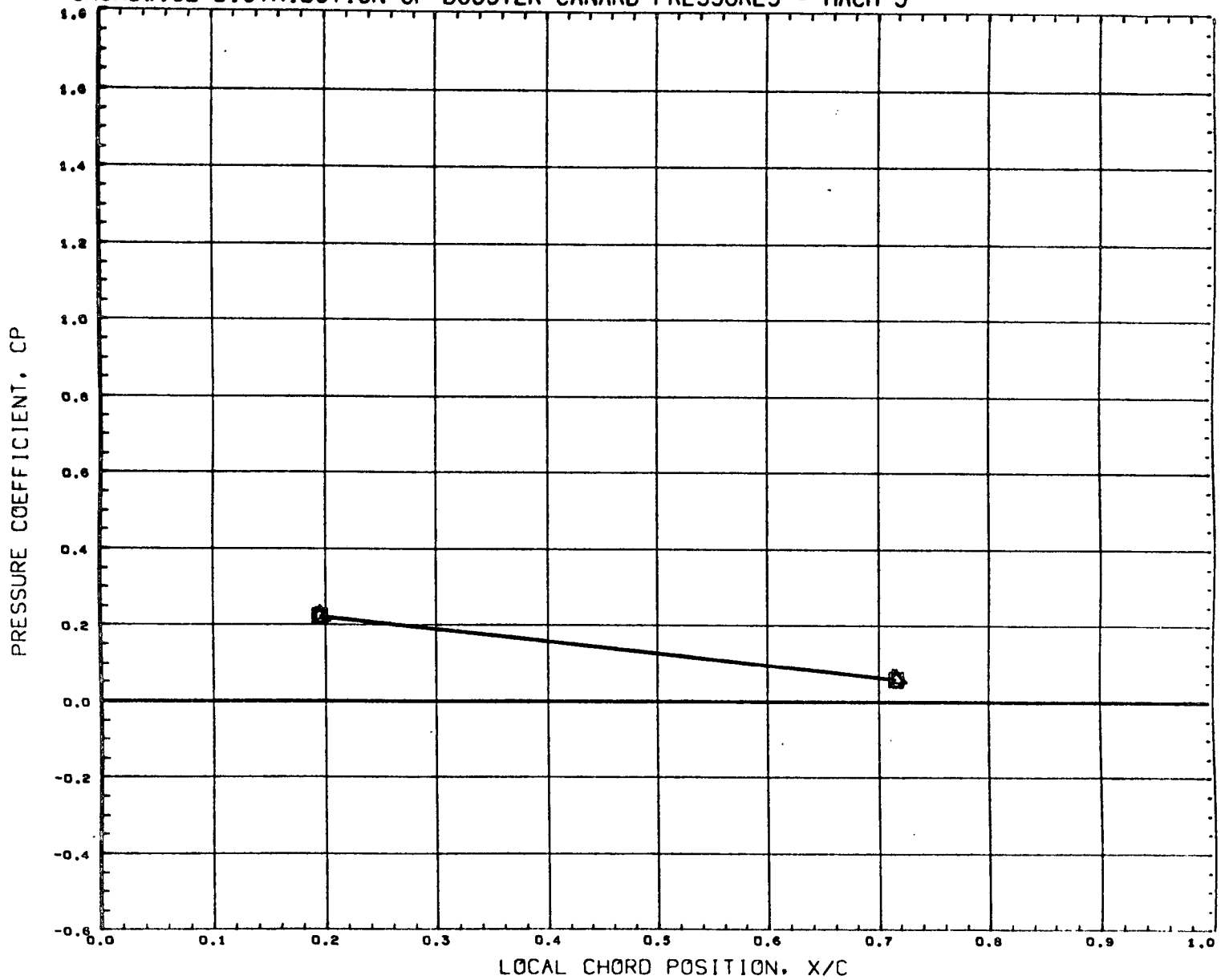


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.565	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.033
MACH	4.940	ALPHAT	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

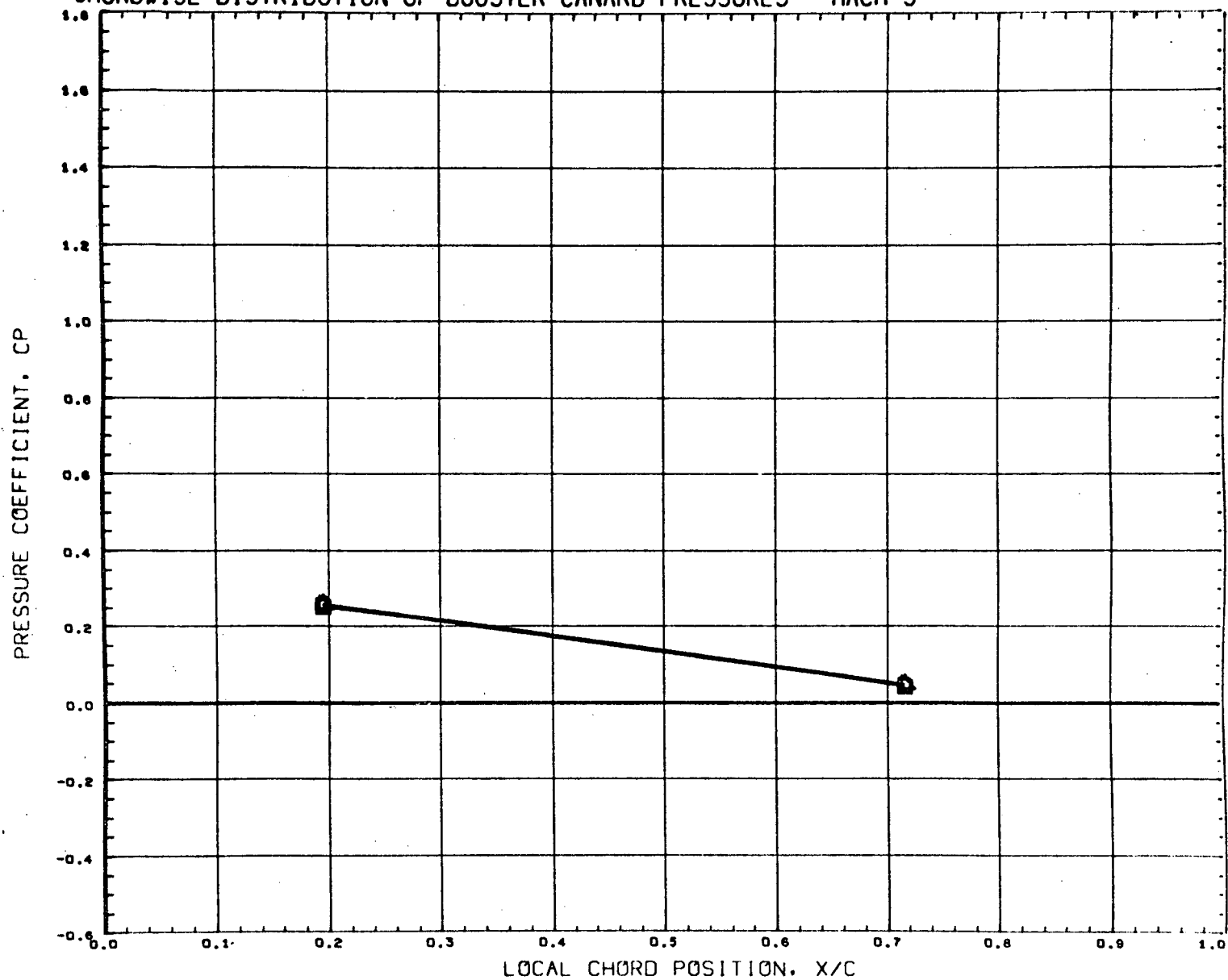


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	30.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

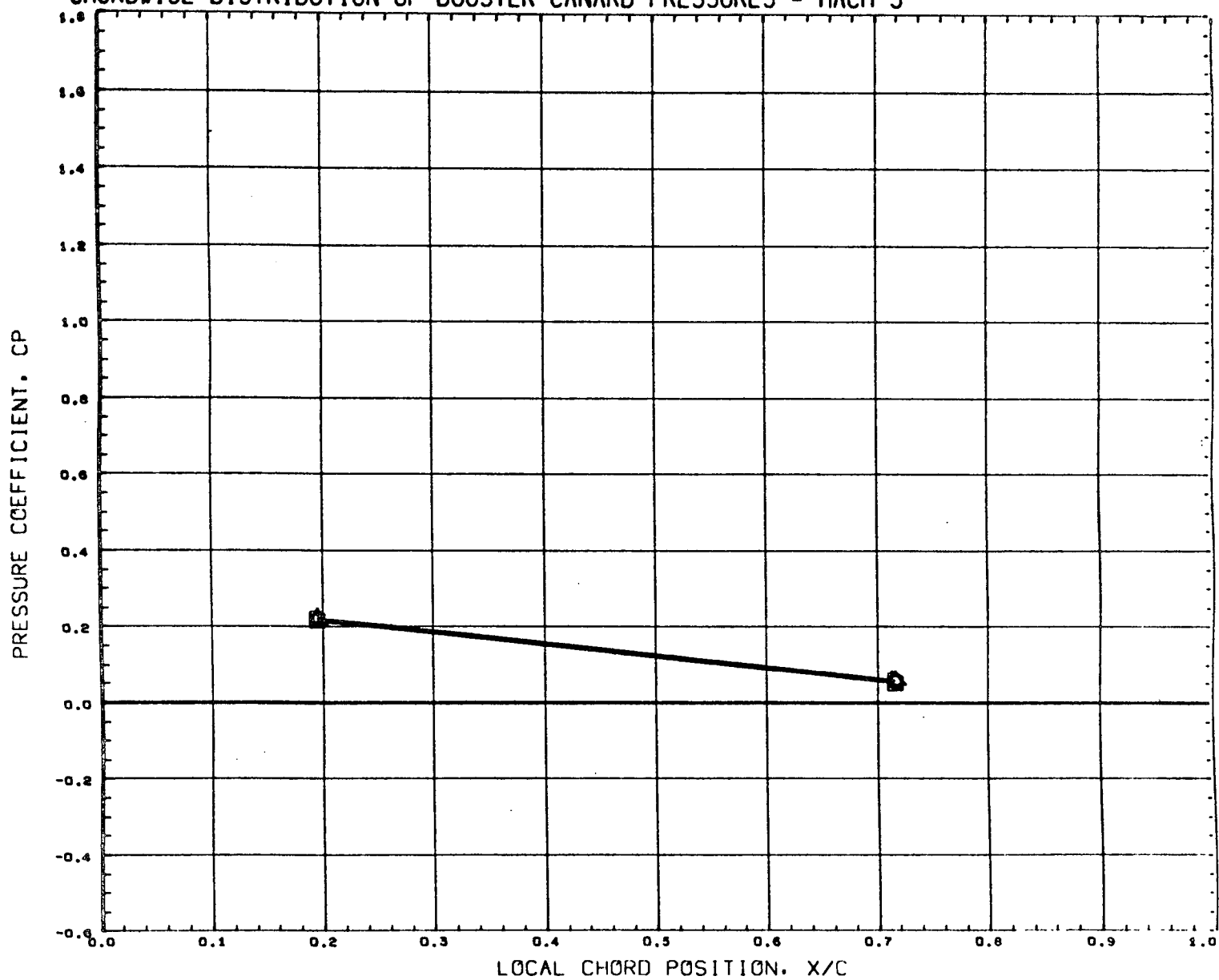


SYMBOL	DELTA X	Y/B	DELTA Z
○	0.390	0.365	0.151
△	0.143		
◇	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

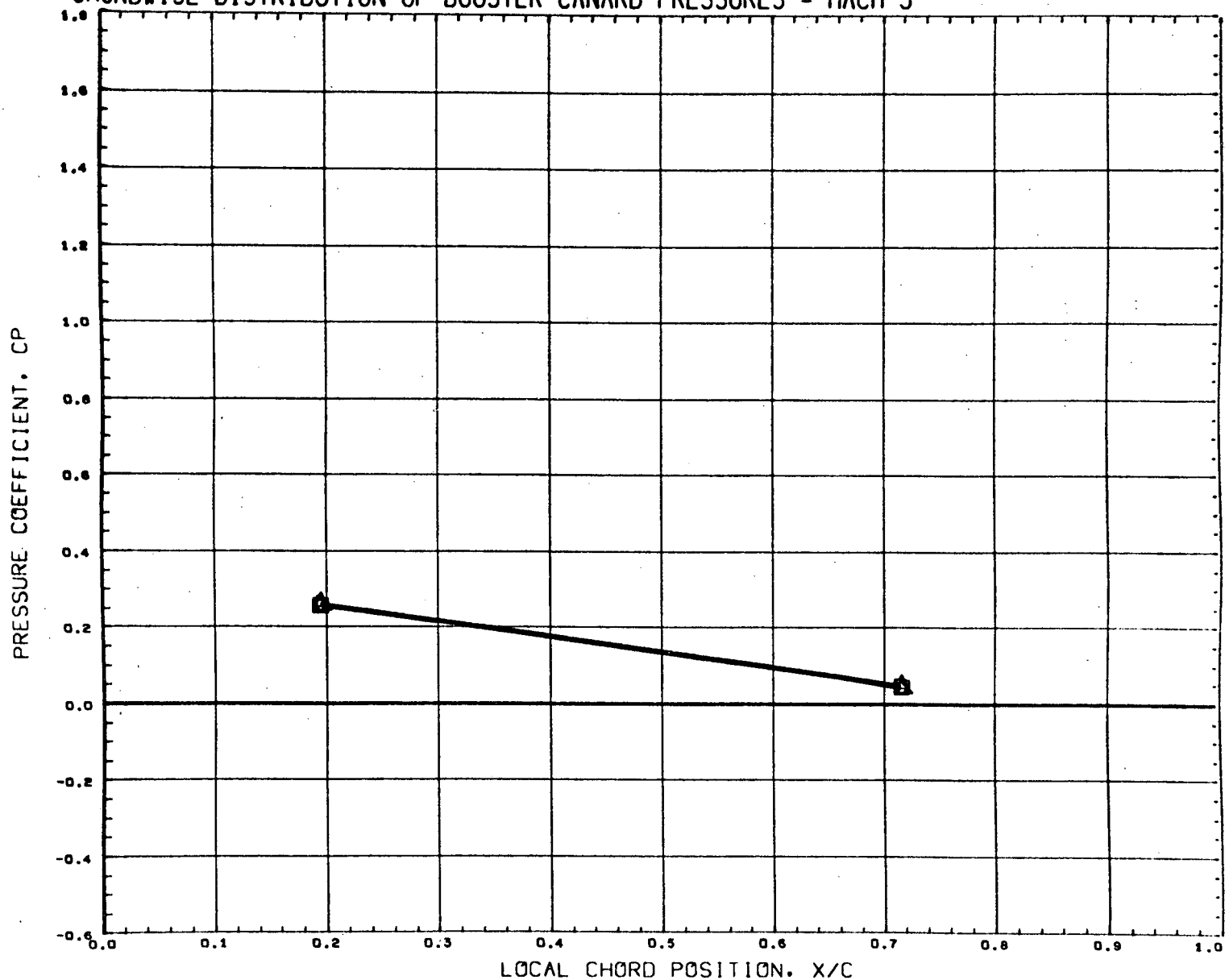


SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.390	0.879	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSYPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5

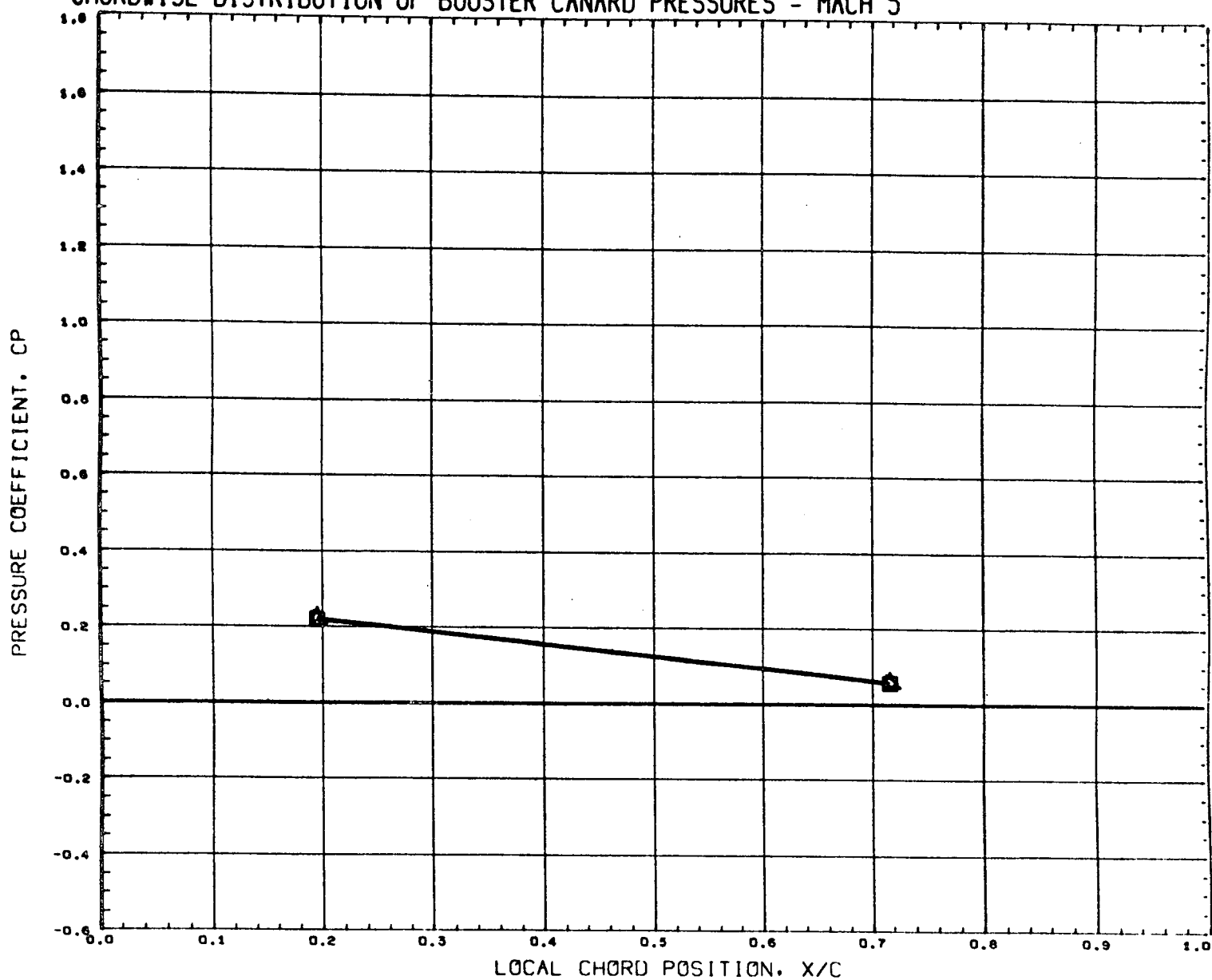


SYMBOL	DELTA X	Y/B	DELTA Z
□	0.390	0.565	0.228
◇	0.143		
△	0.020		
○	0.103		
	0.227		
	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

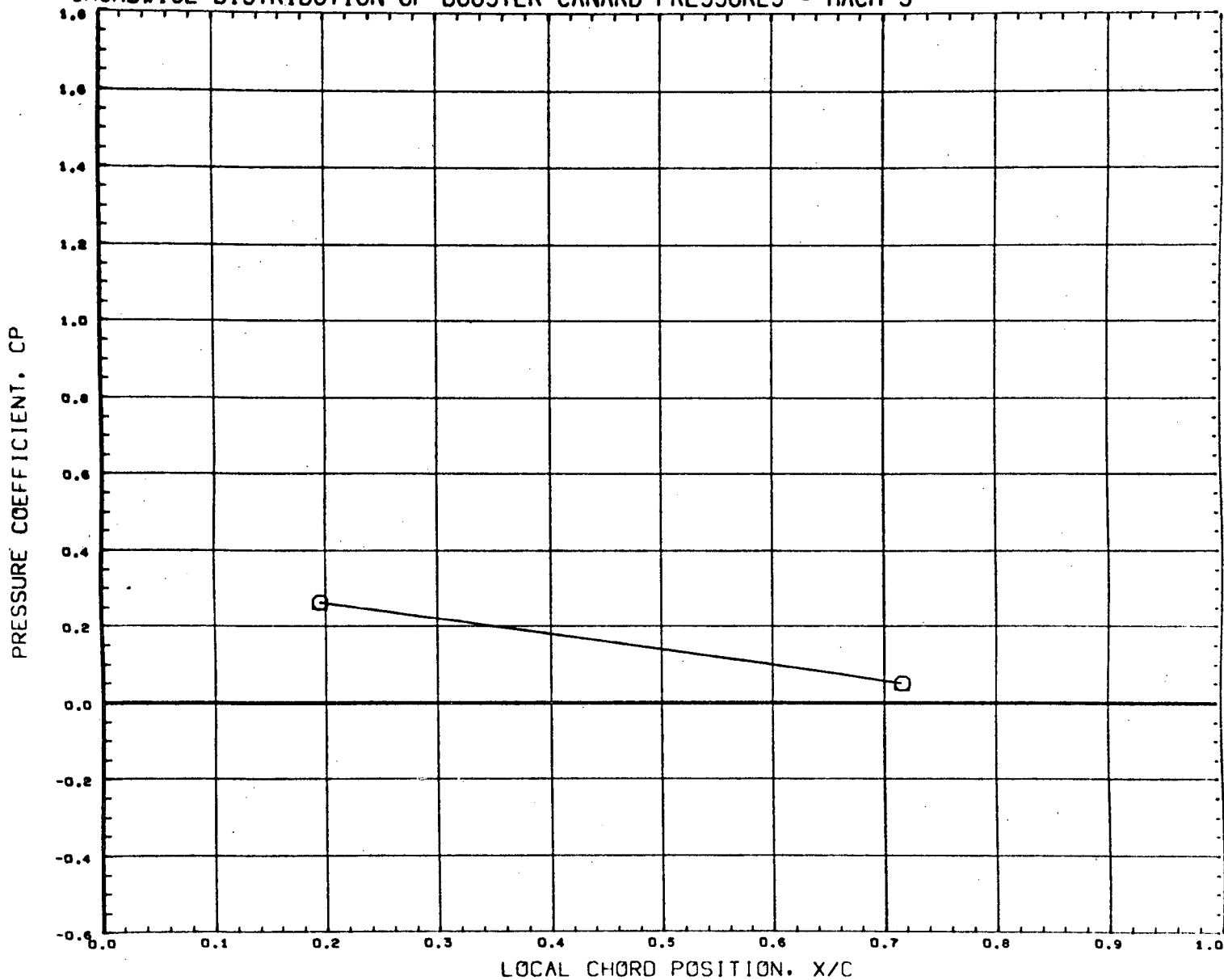
CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.879	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

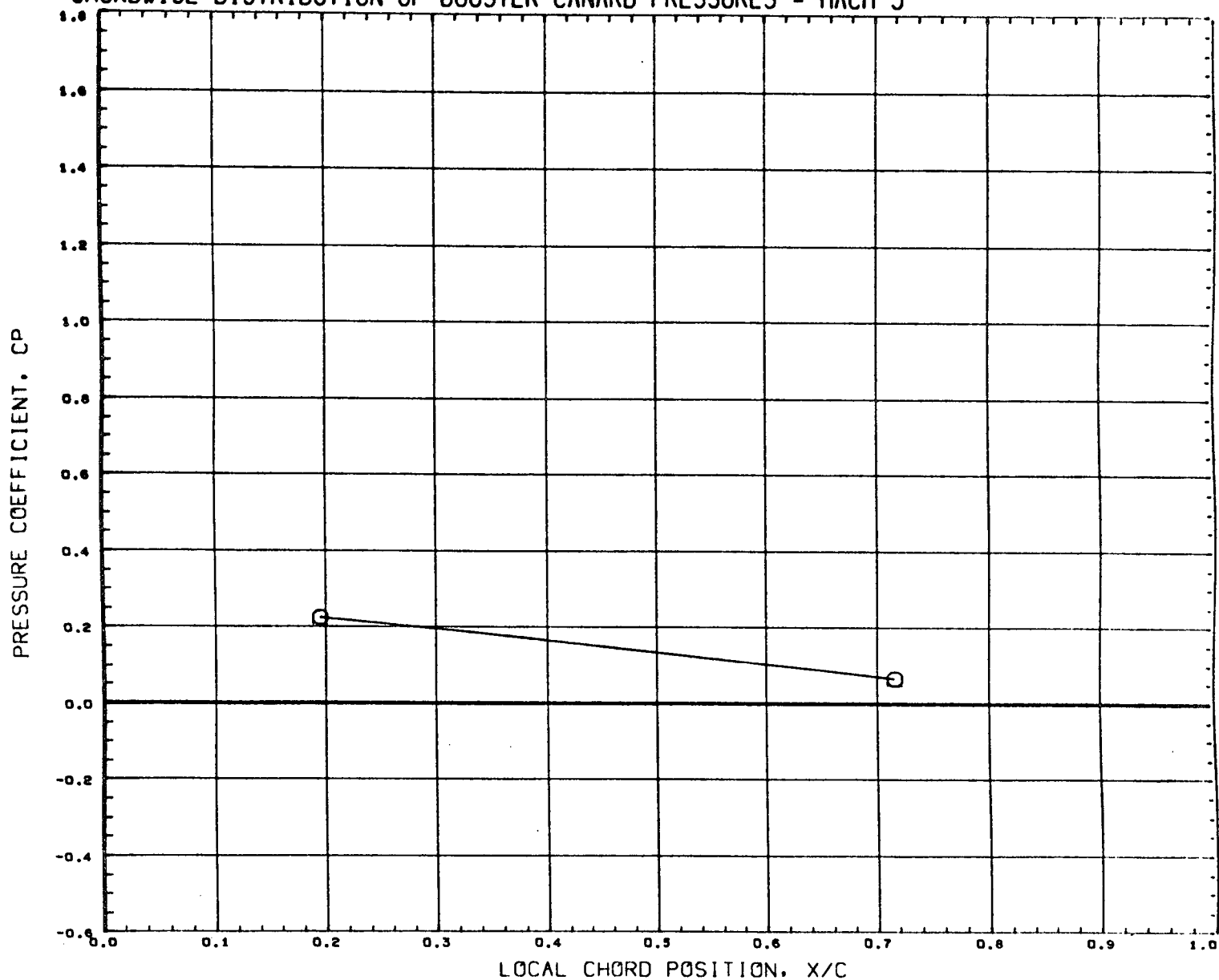
REFERENCE FILE

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.320	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

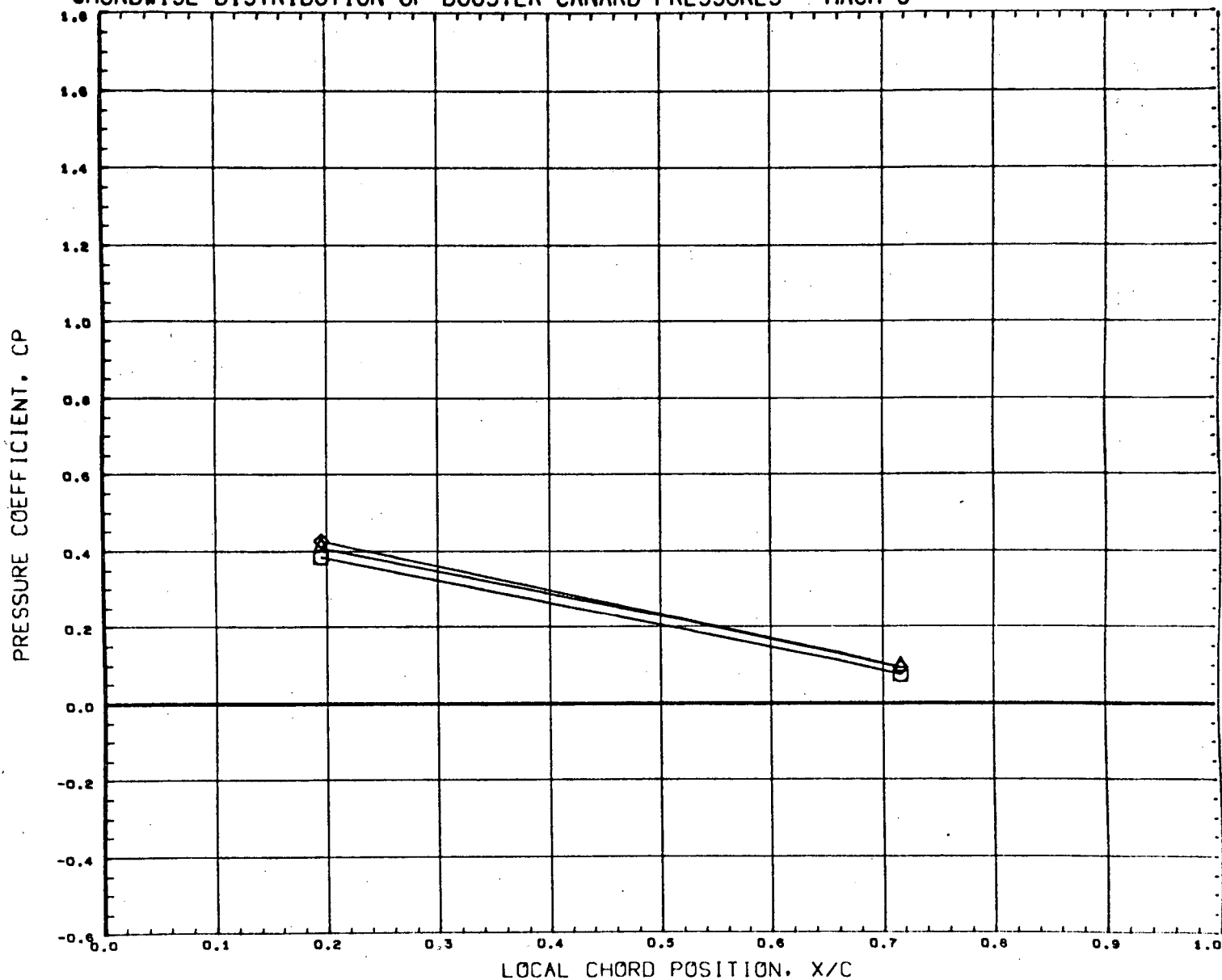
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.920
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

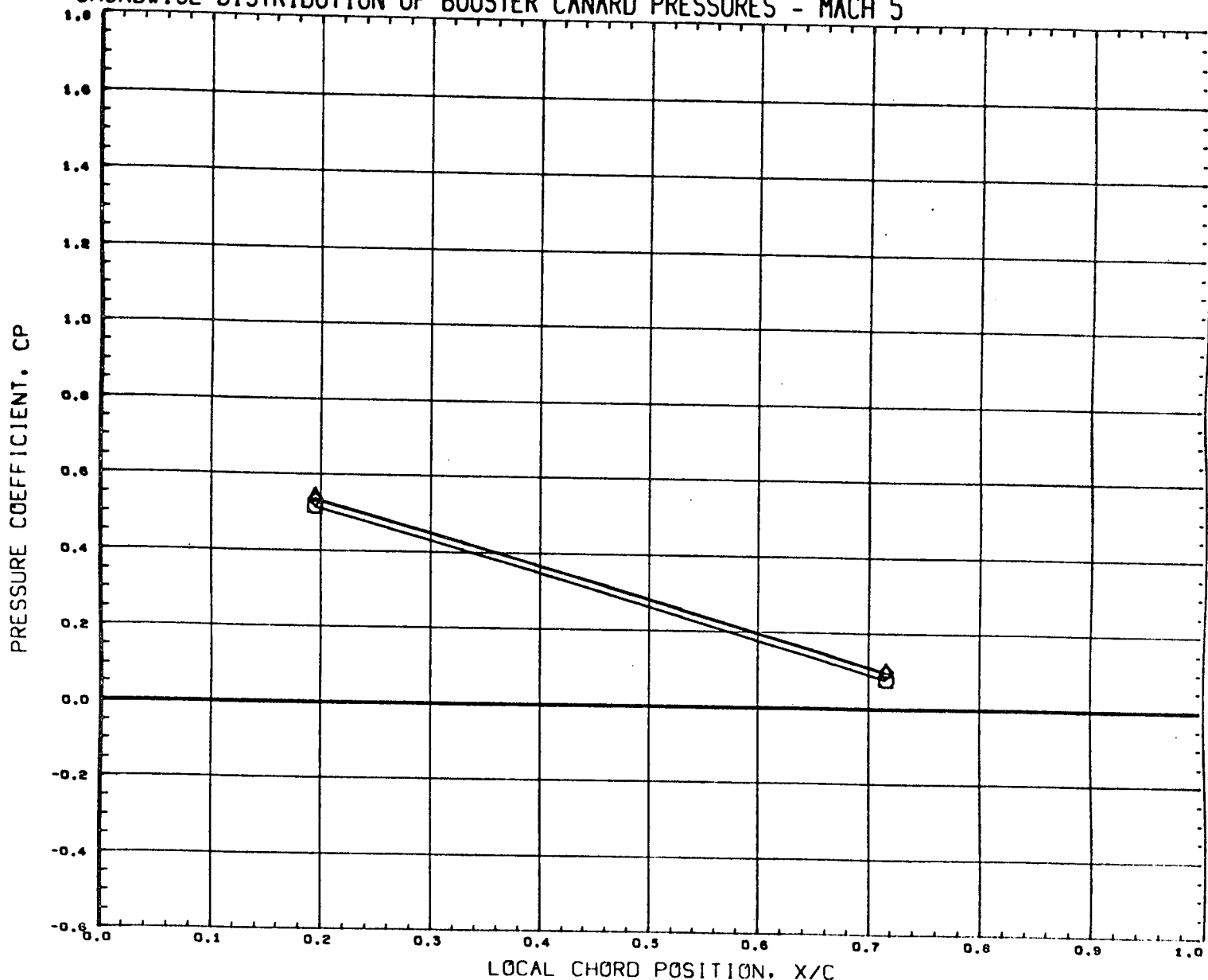
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.920
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

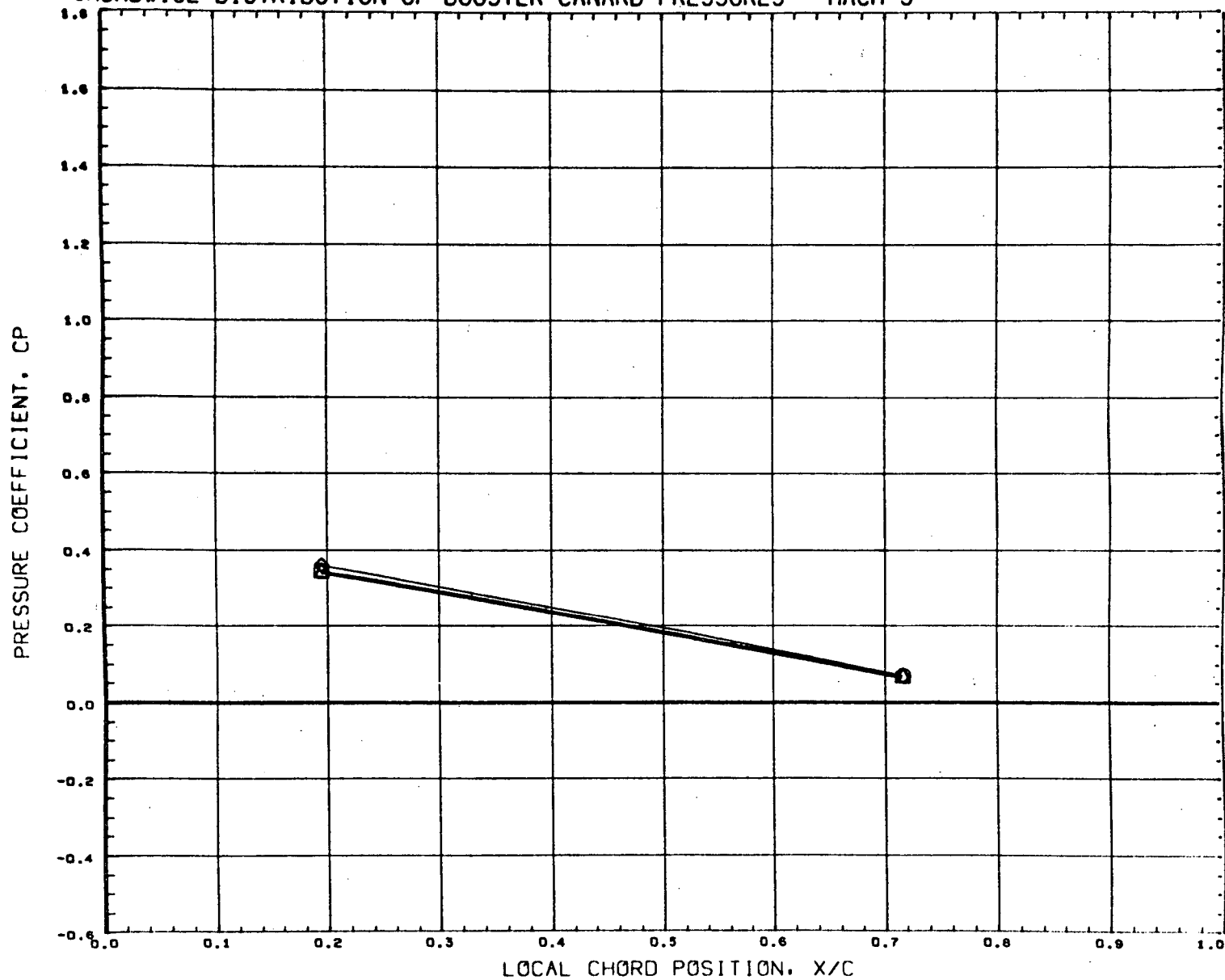
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

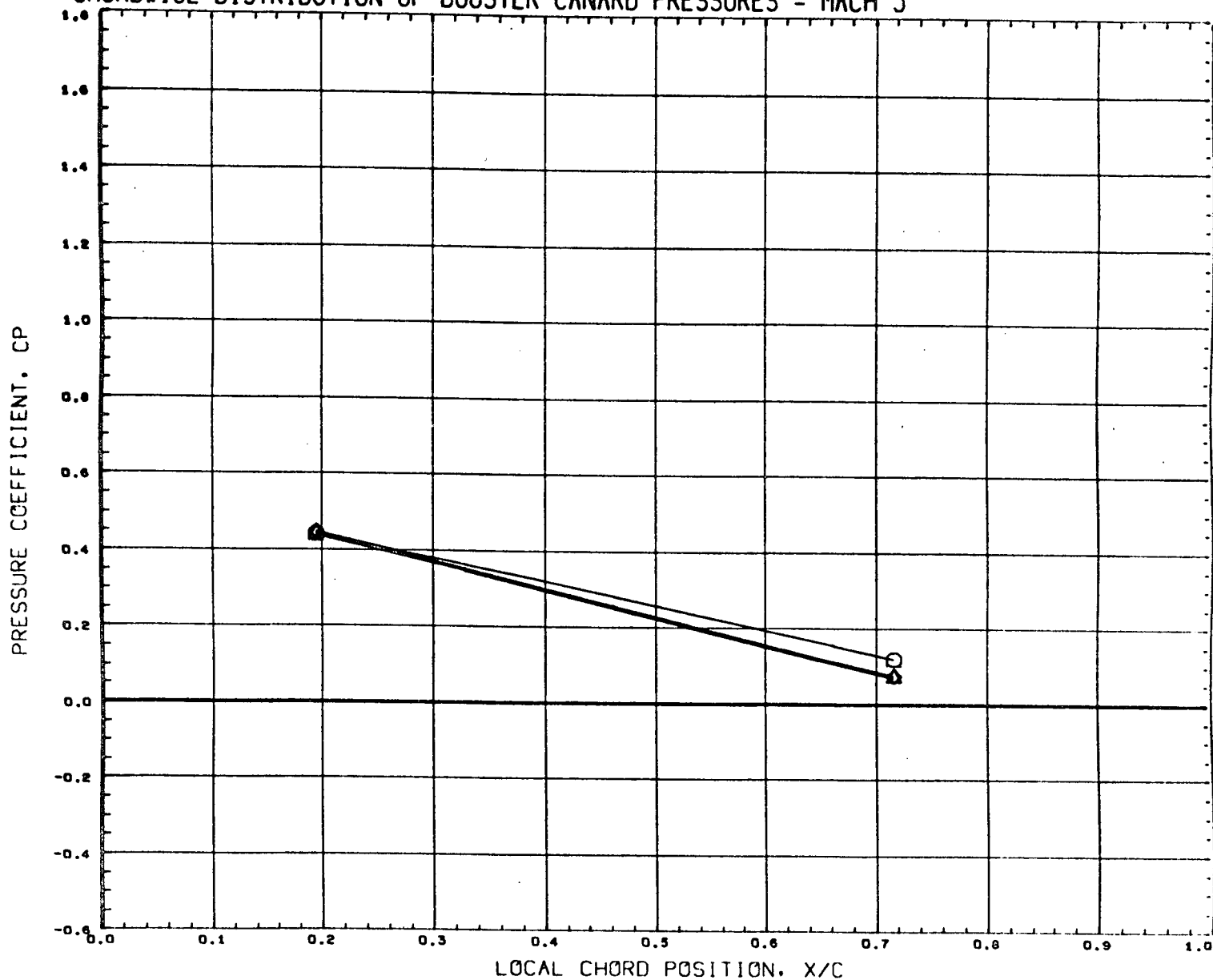
AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.896
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

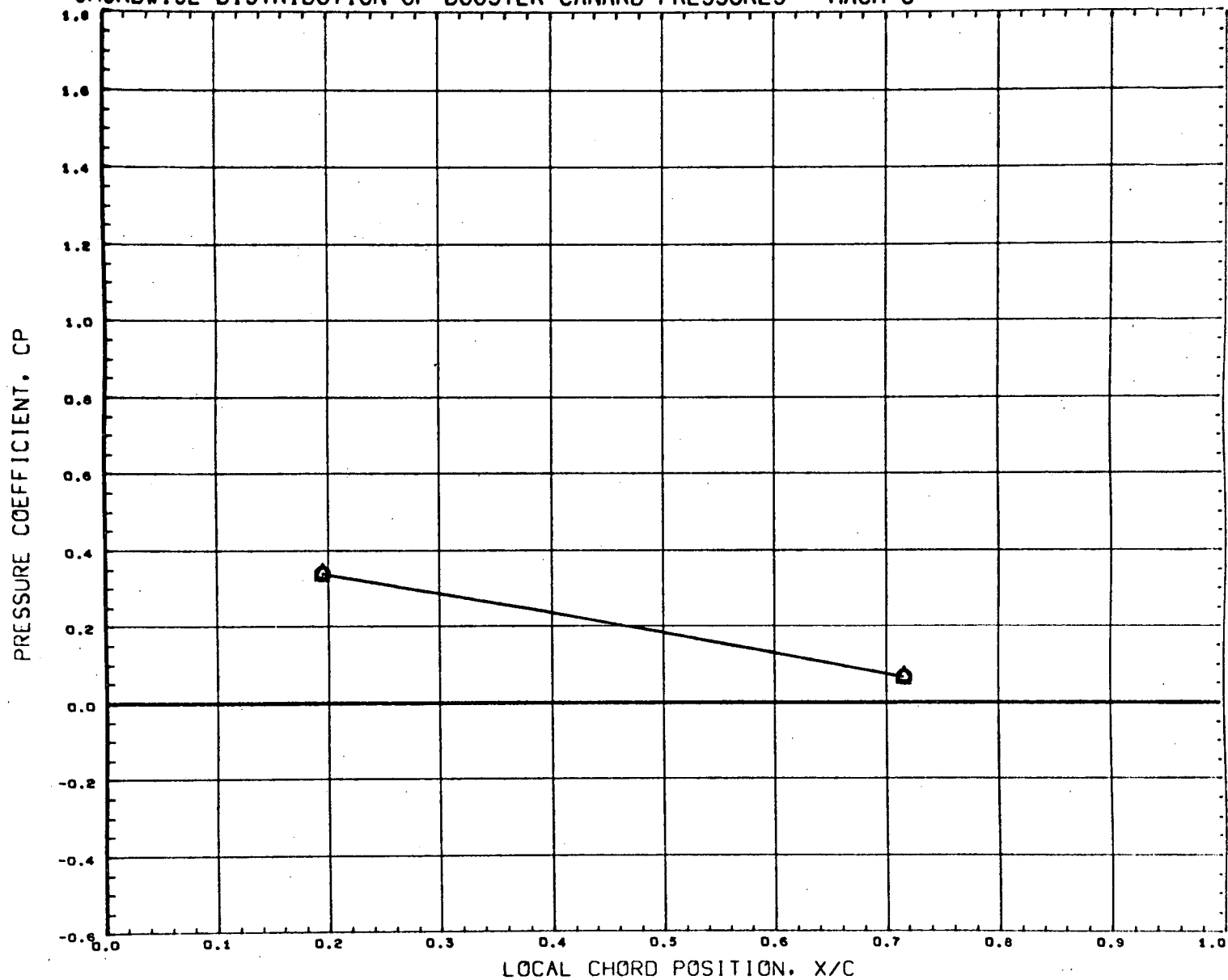
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.896
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

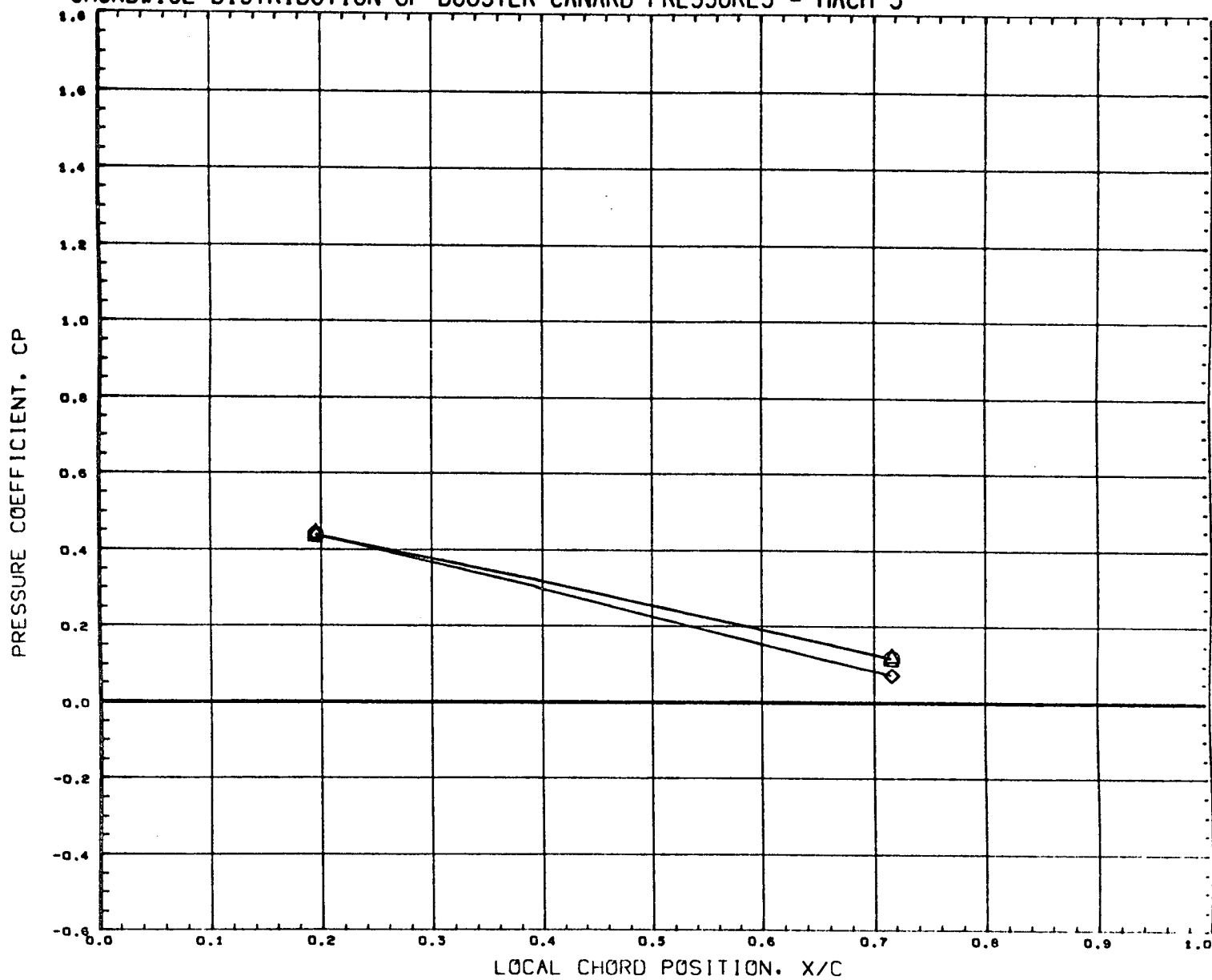
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.896
MACH	4.970	ALPHA 1	5.000
ORBPOW	100.000	BSTPOW	50.000

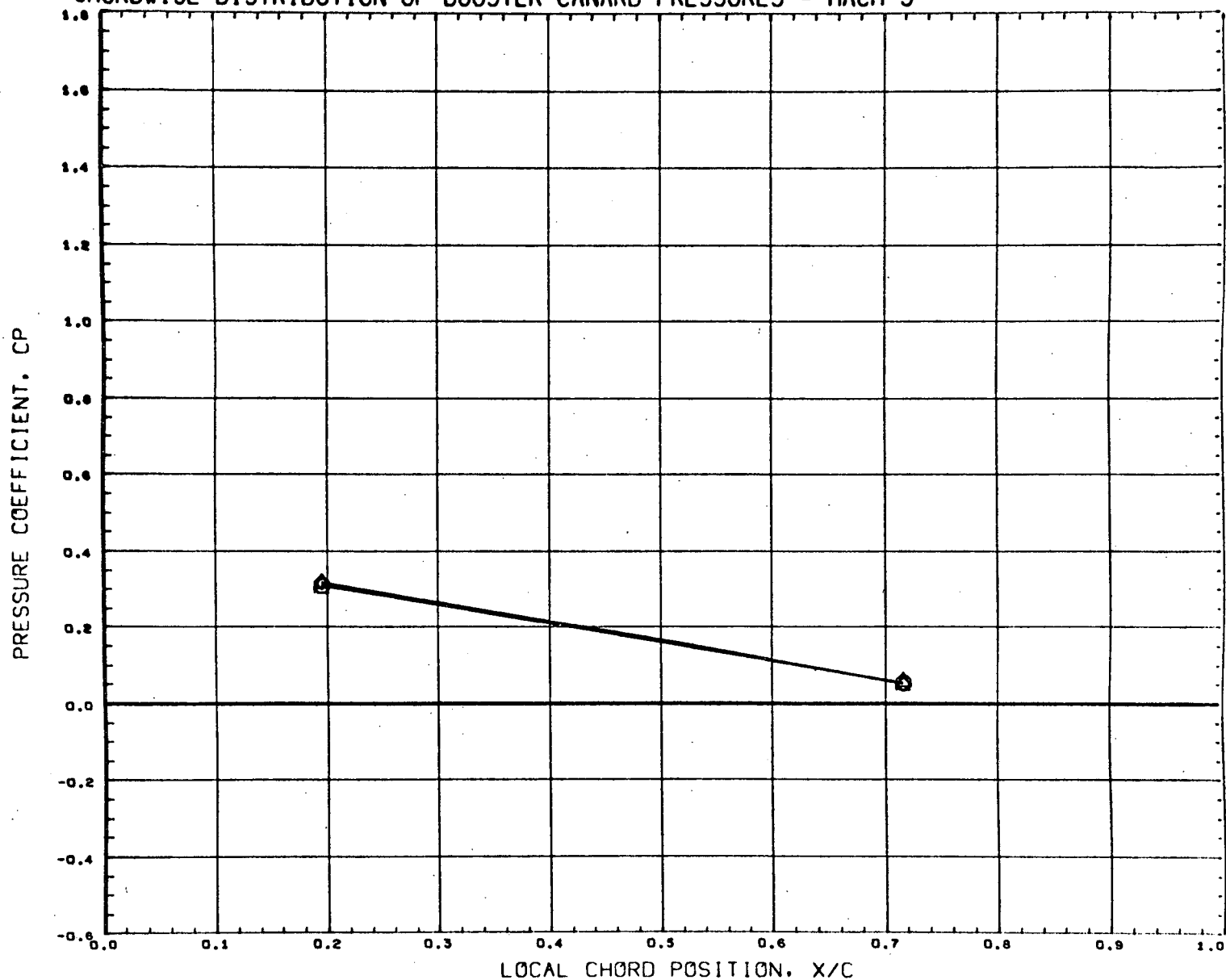
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8542•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.365	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.035
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

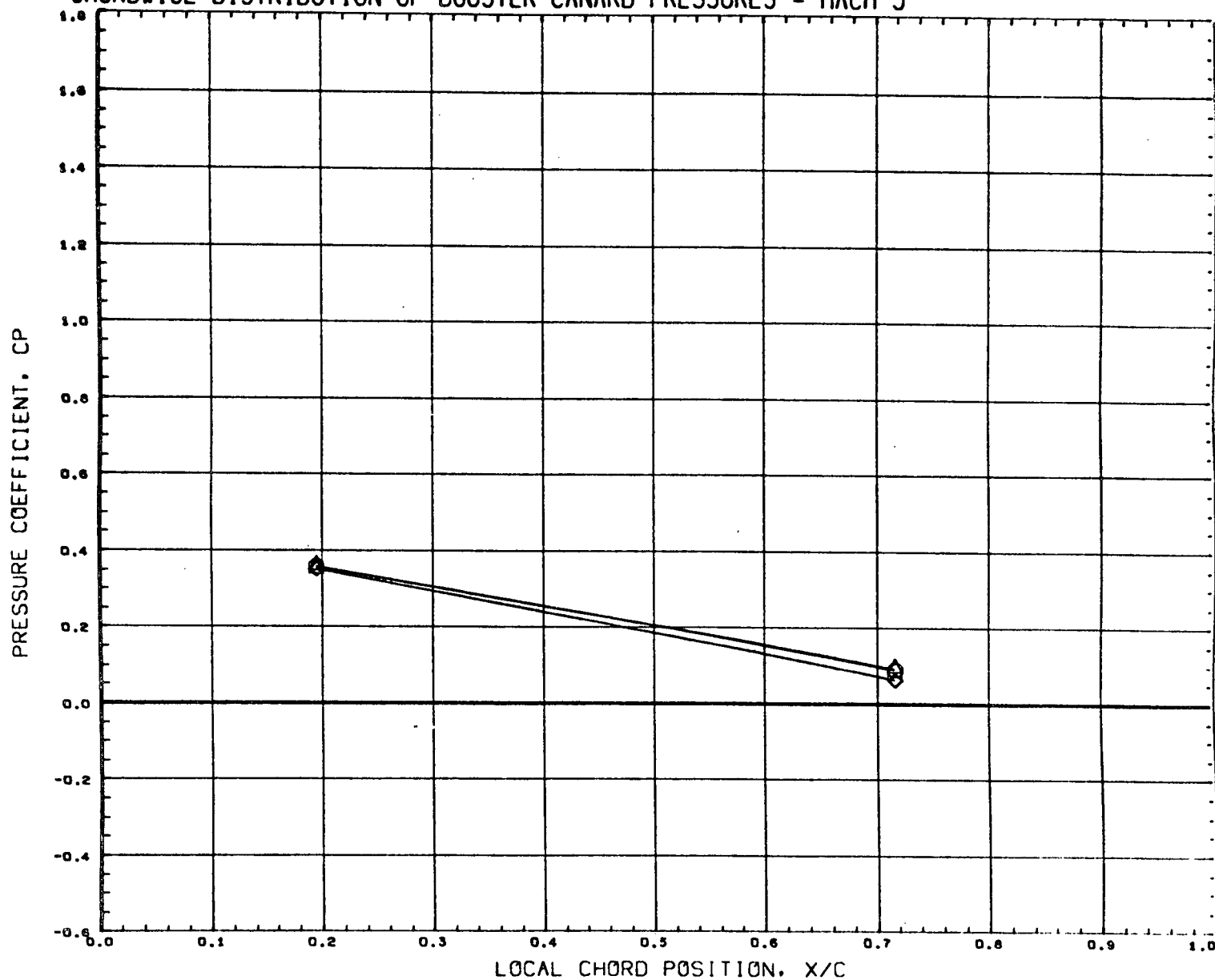
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8543•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.055
MACH	4.970	ALPHA I	5.000
GRBPOW	100.000	BSTPOW	50.000

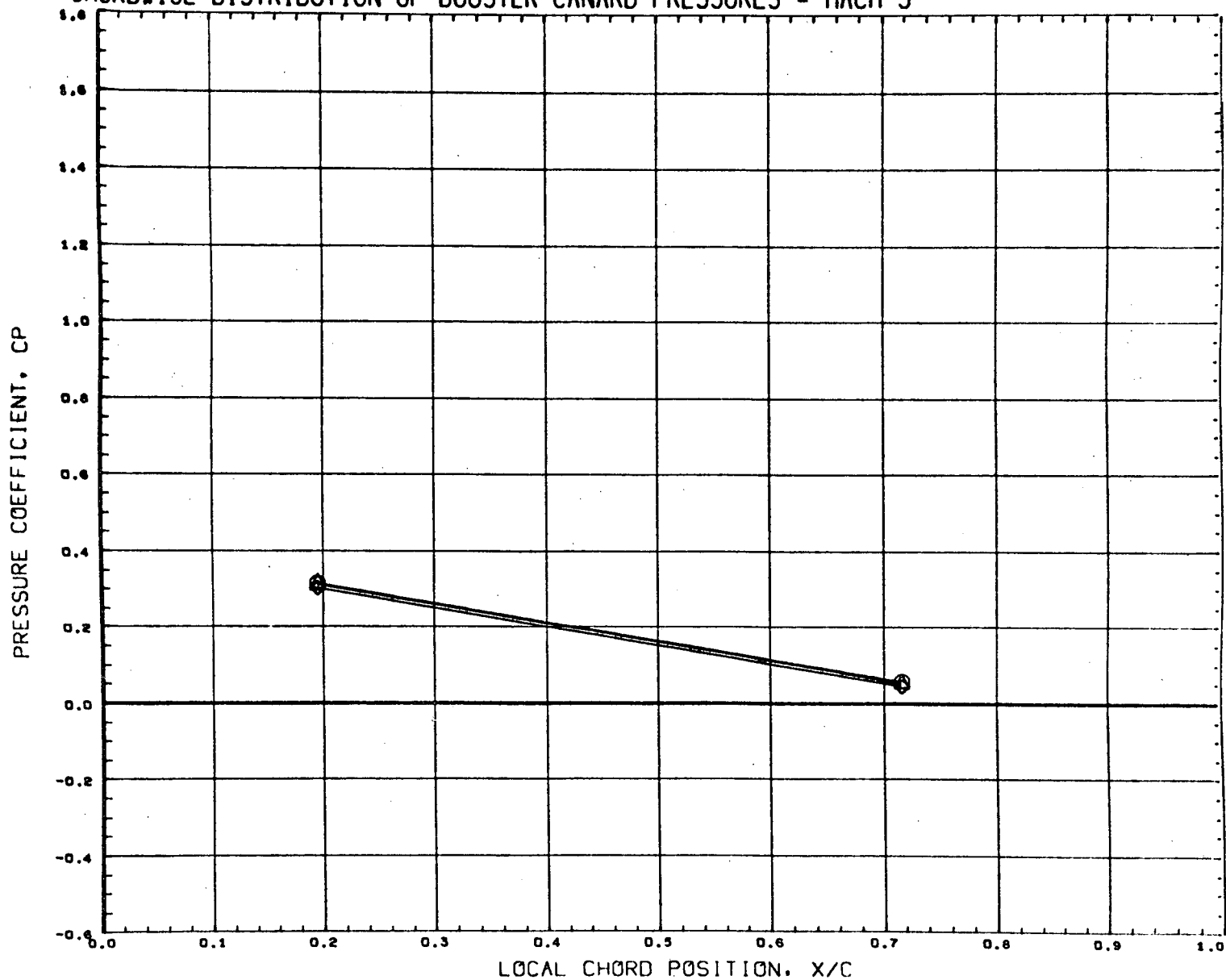
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8543•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

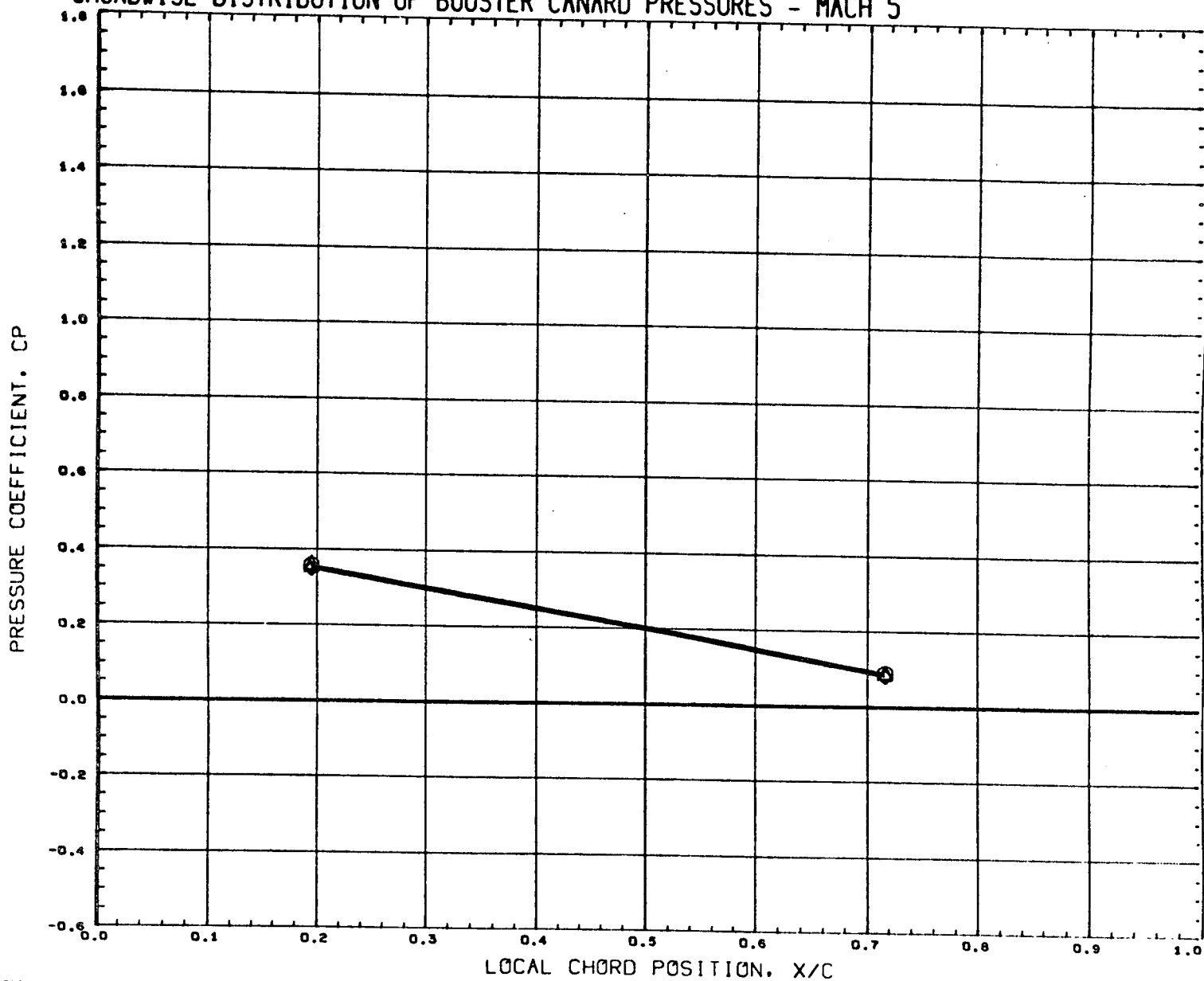
REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (CANARD)

•DT8543•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.679	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.055
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

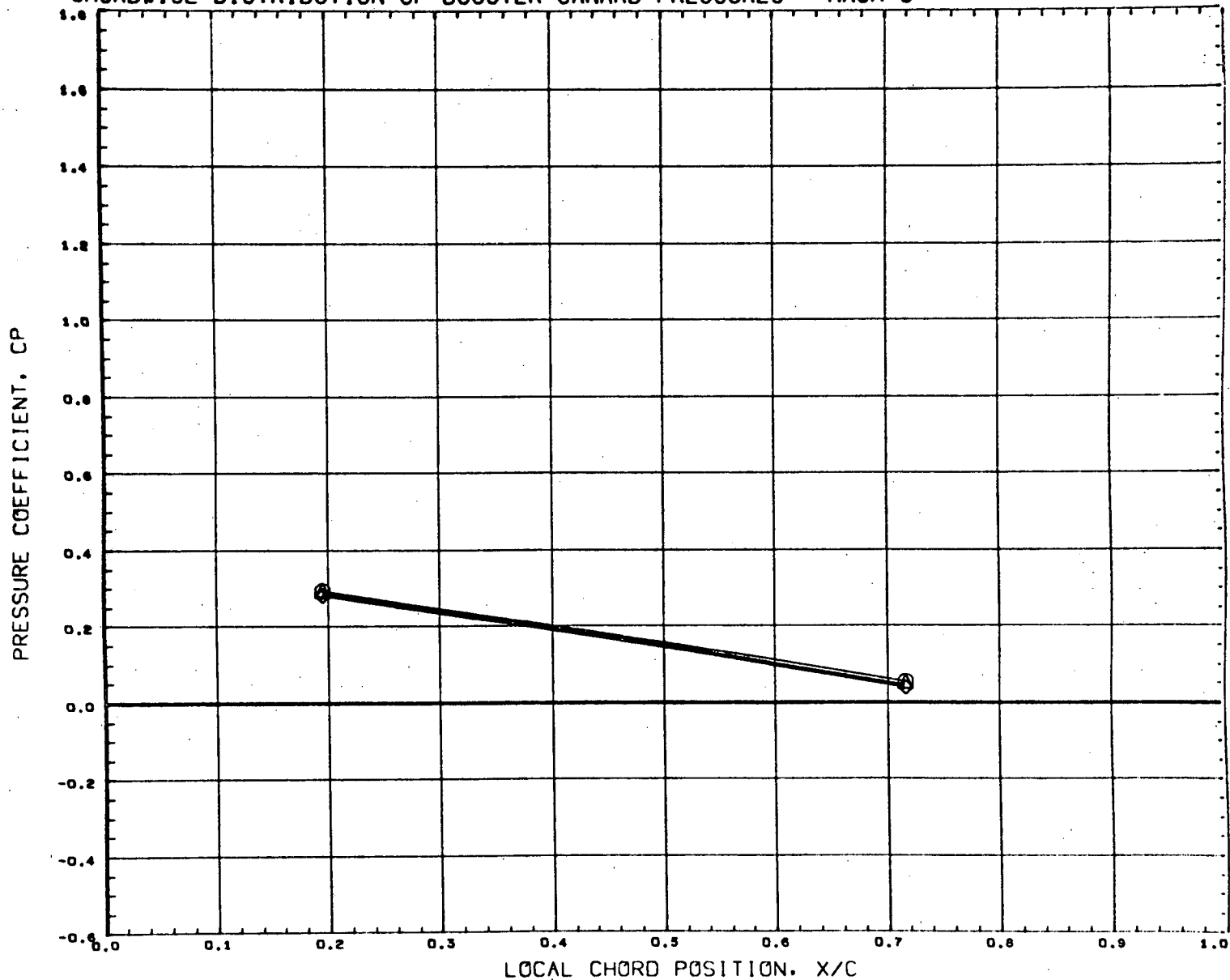
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8543•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.051
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

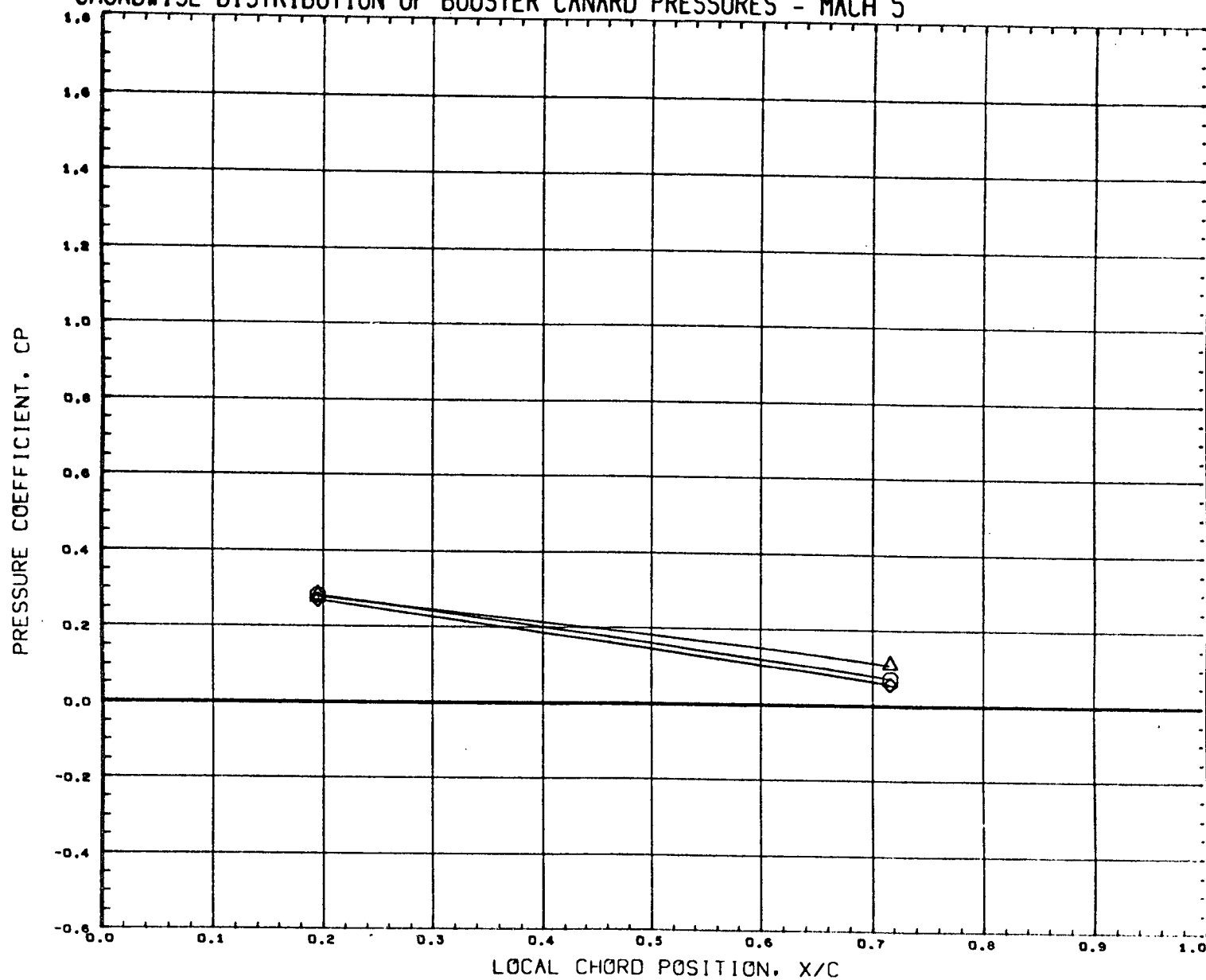
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8544•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.051
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

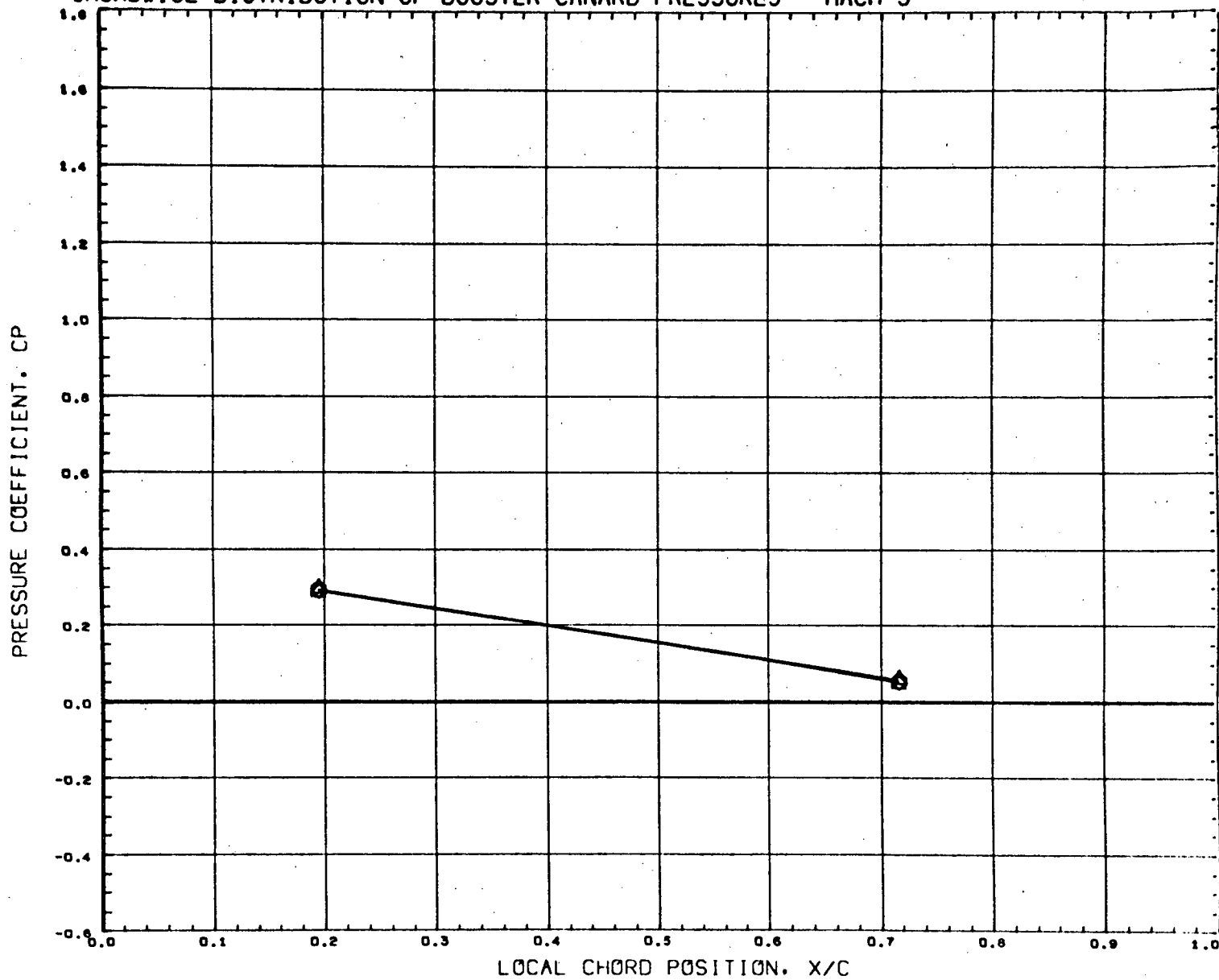
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8544•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.051
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

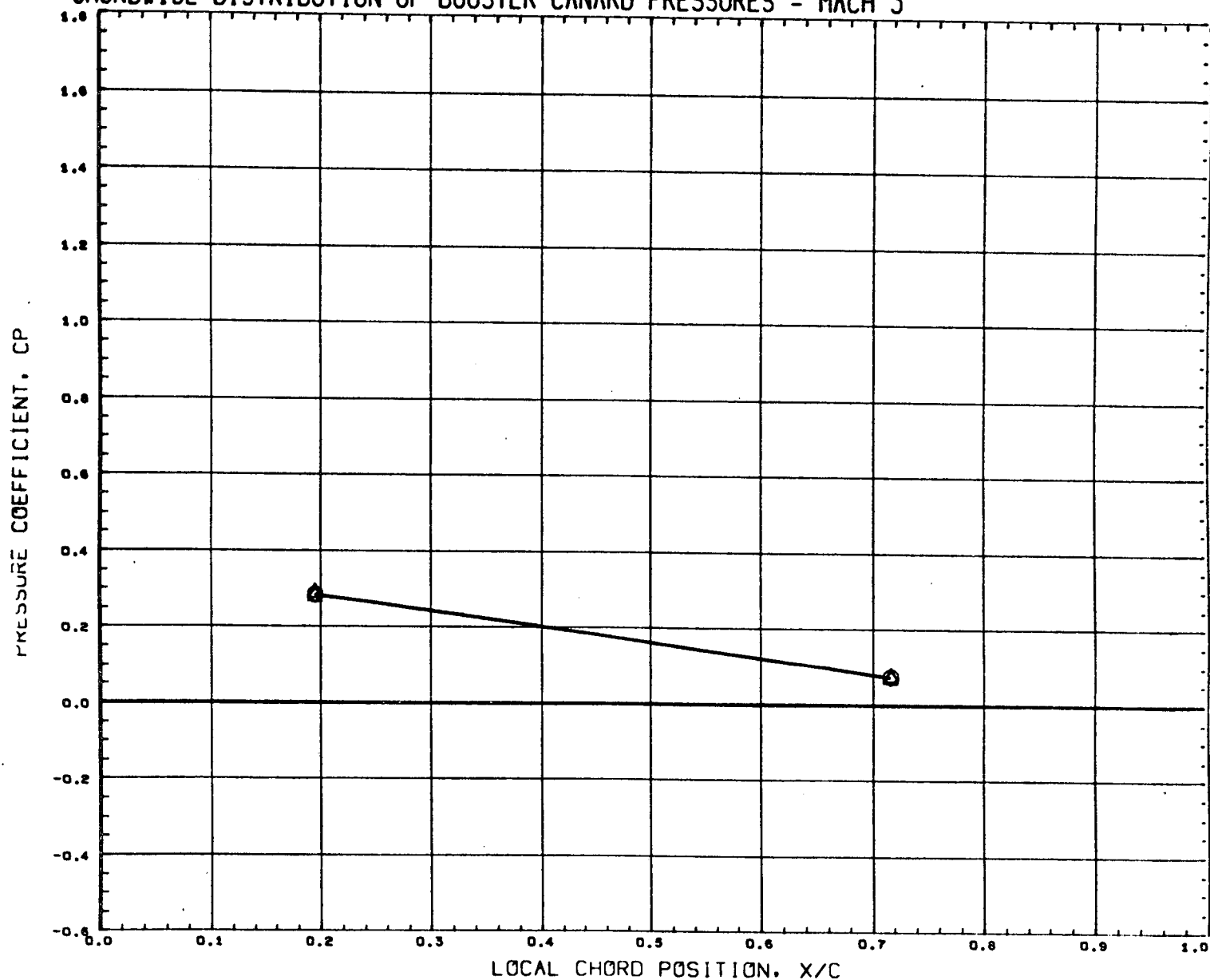
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8544•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
-	0.144	0.879	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.031
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

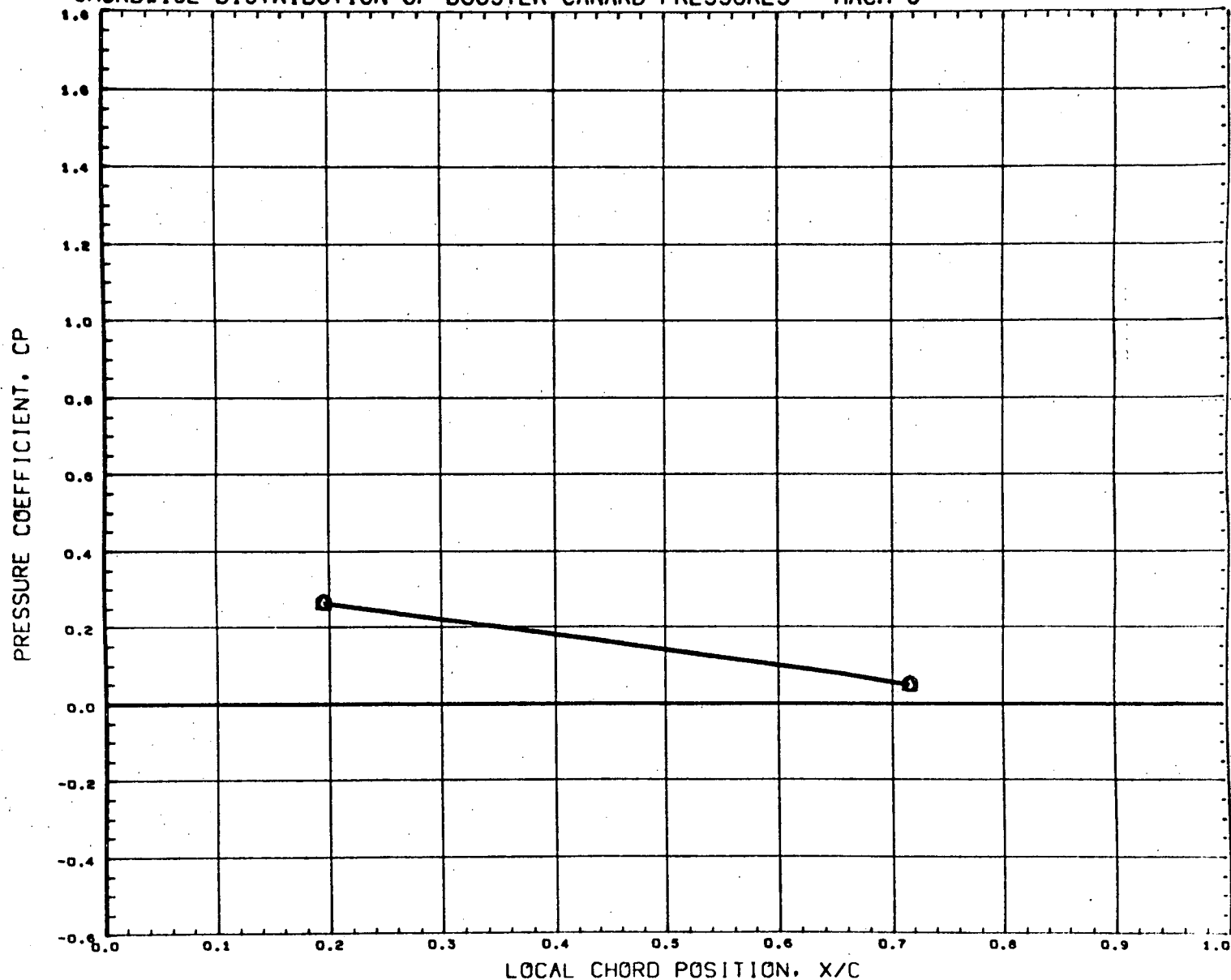
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8544•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.050
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

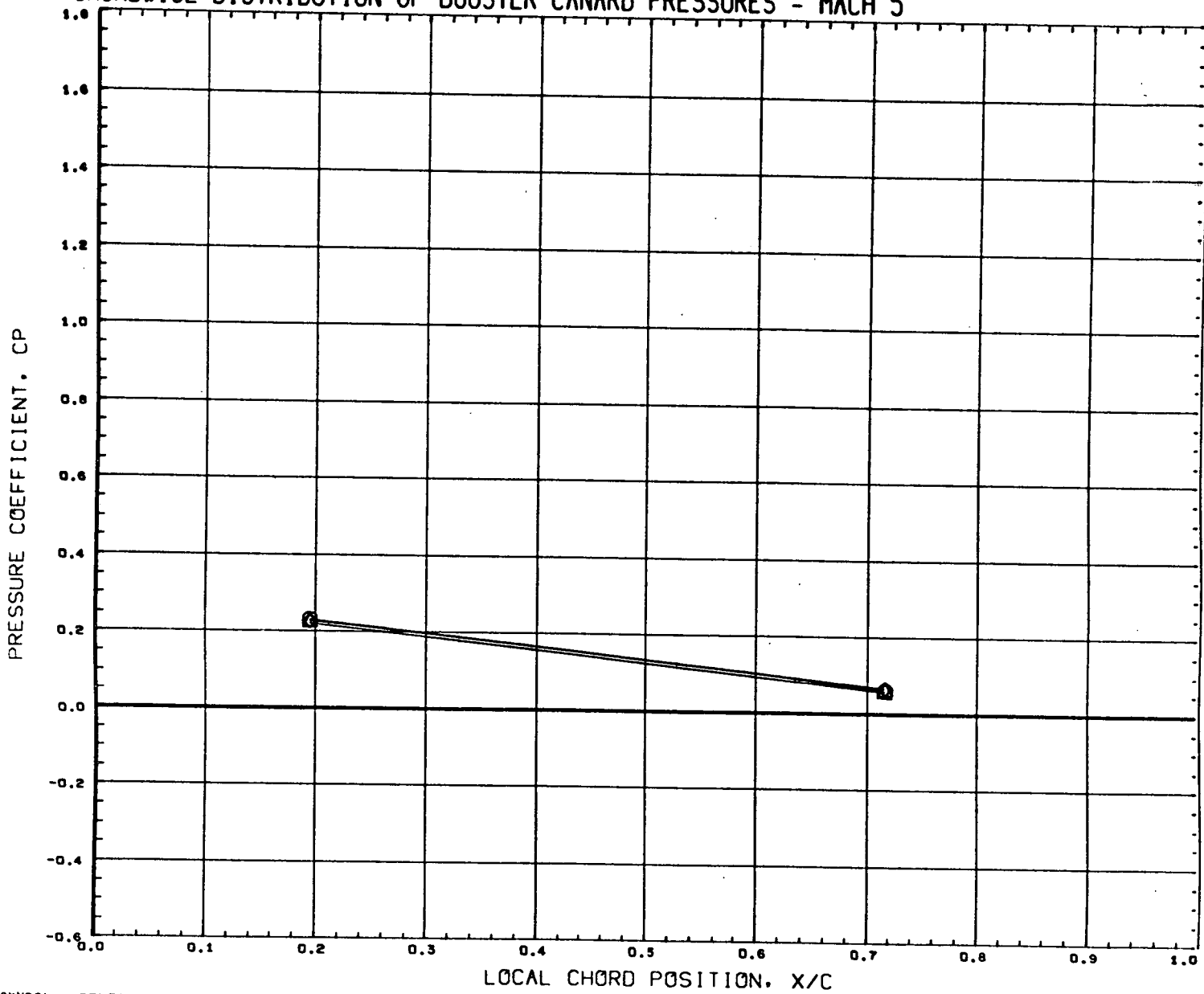
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8545•

PAGE 1499

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

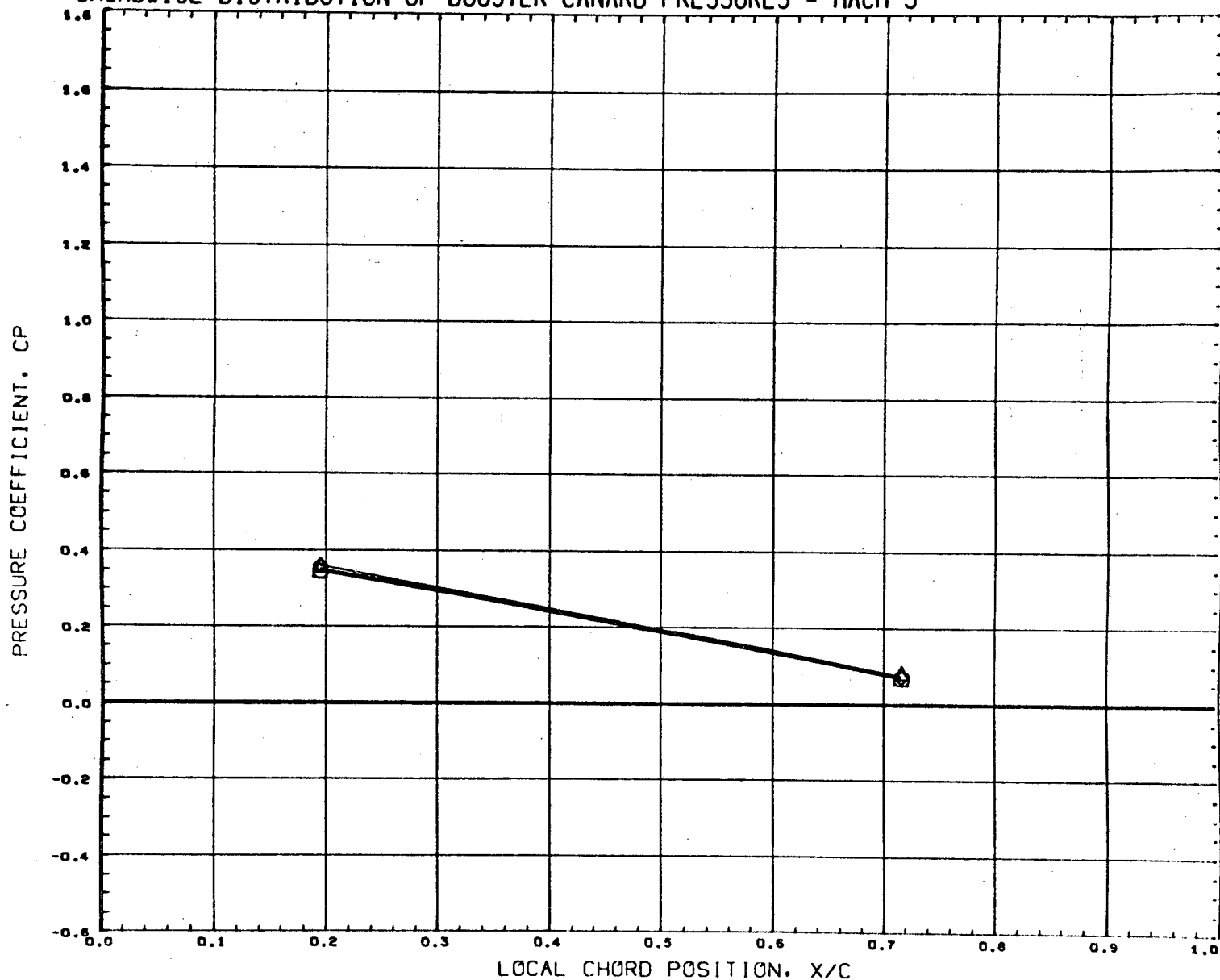
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8545•

PAGE 1500

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.365	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.891
MACH	4.970	ALPHA I	5.000
ORSPOW	0.000	BSTPOW	0.000

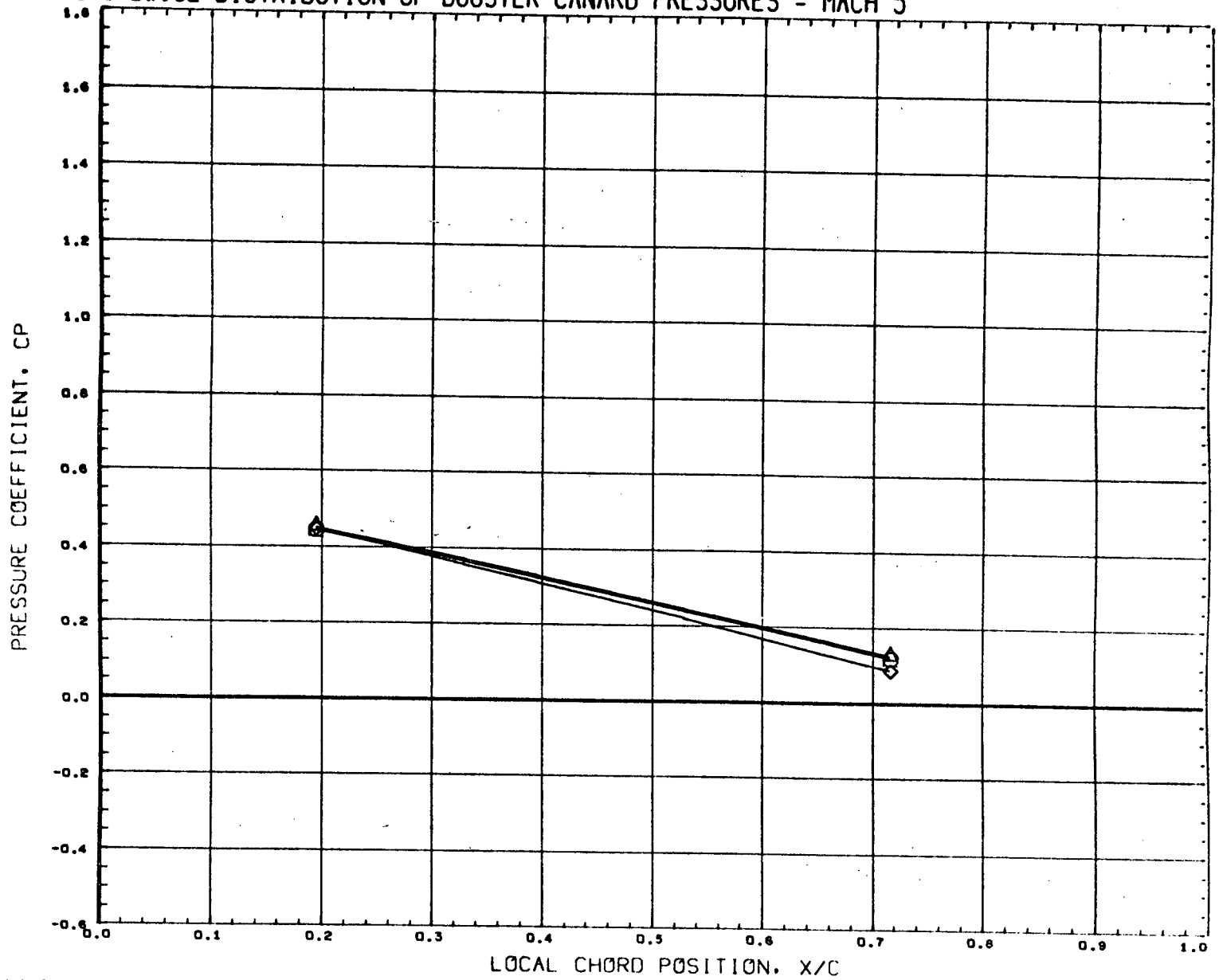
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8552•

PAGE 1501

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.891
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

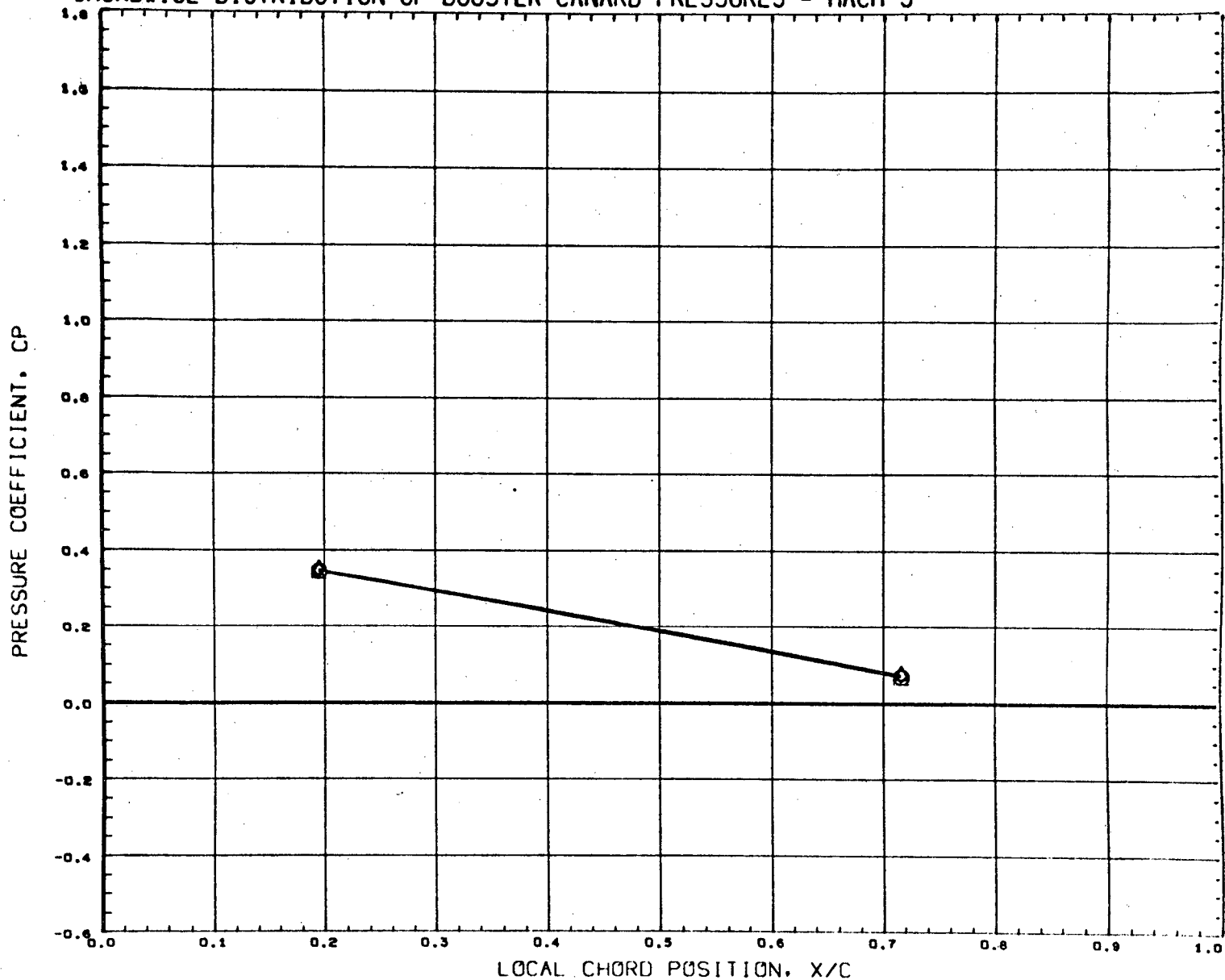
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8552•

PAGE 1502

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.891
MACH	4.970	ALPHA I	5.000
ORSPOW	0.000	BSTPOW	0.000

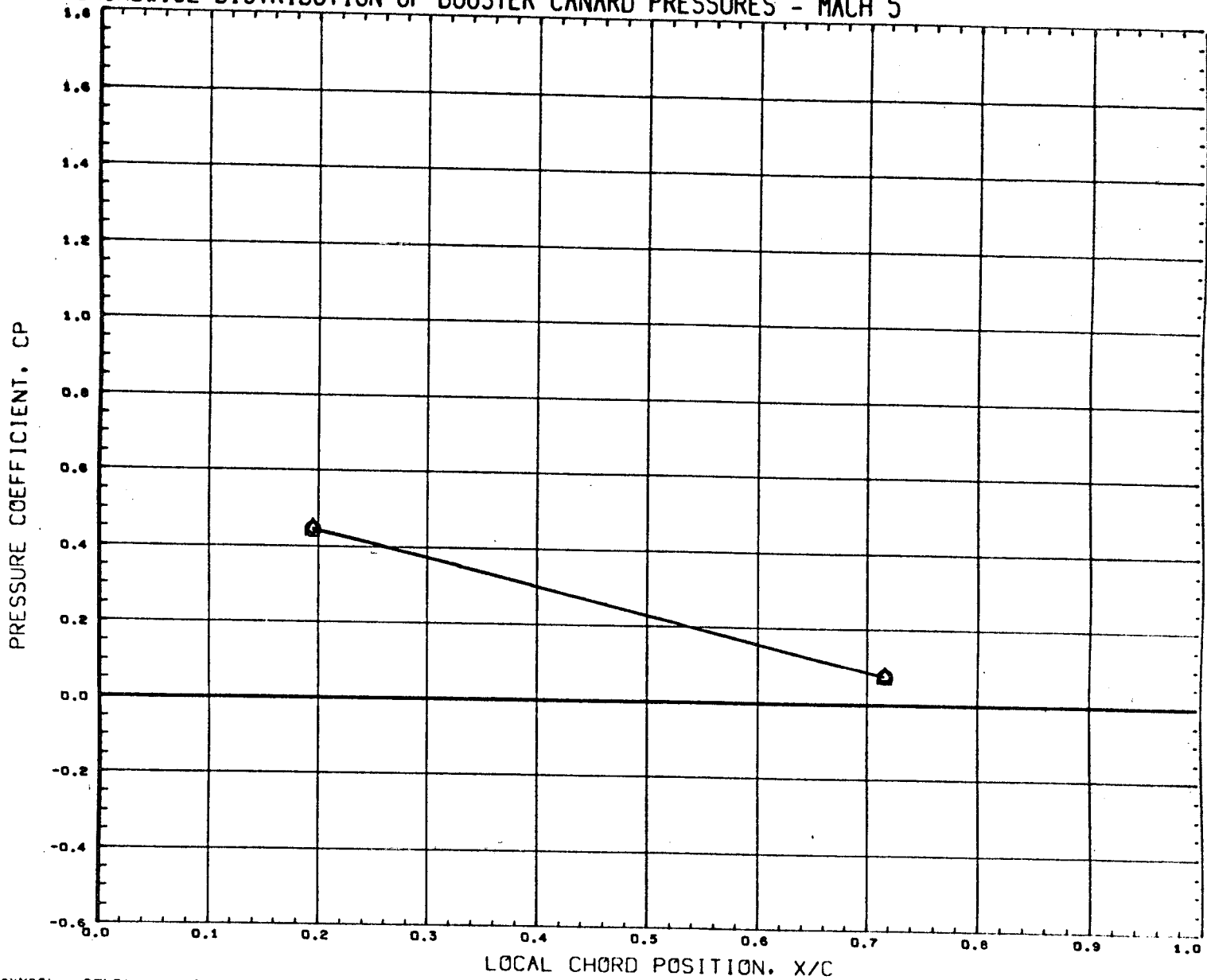
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8552•

PAGE 1503

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

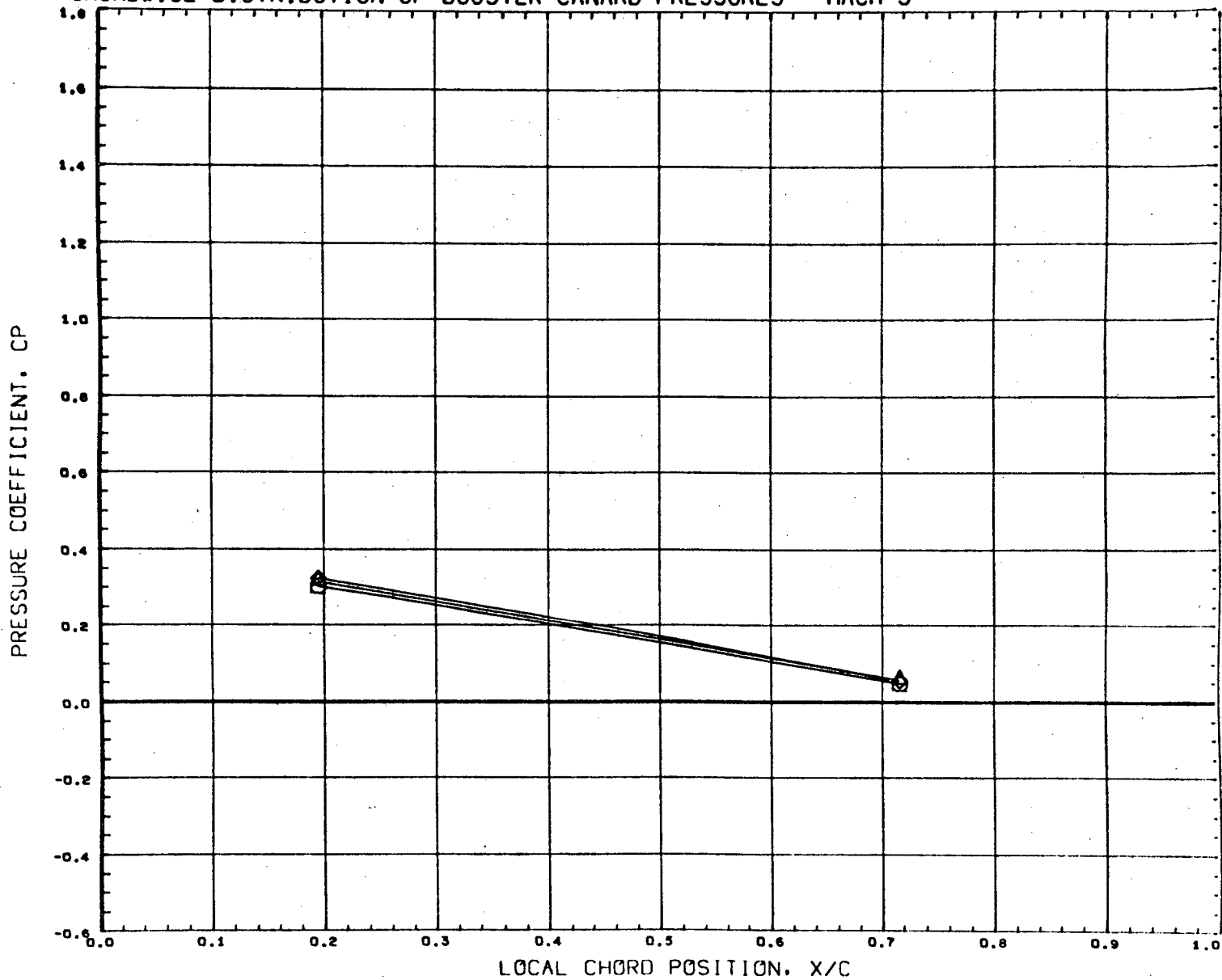
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8552•

PAGE 1504

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.060
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

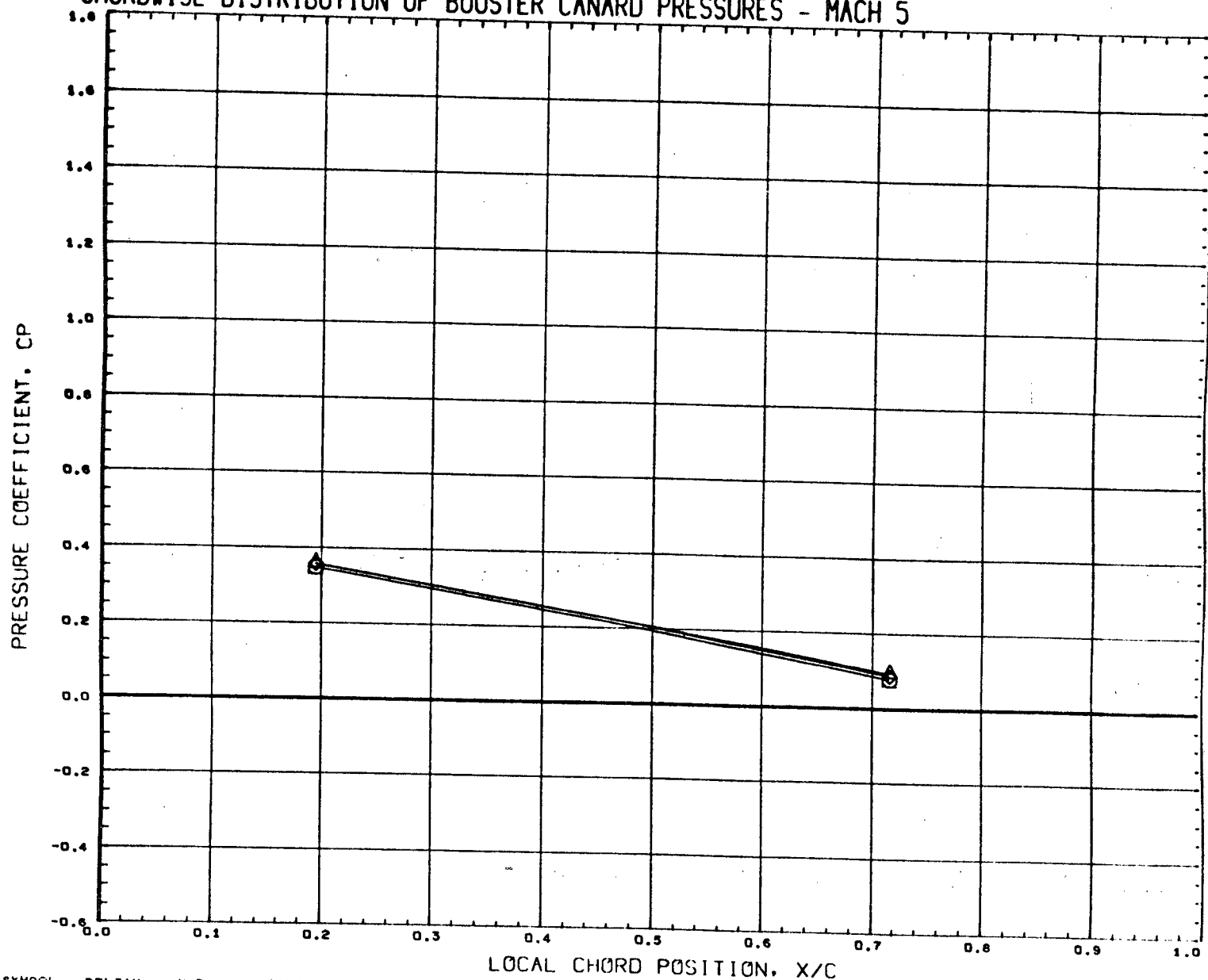
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8553•

PAGE 1505

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.060
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

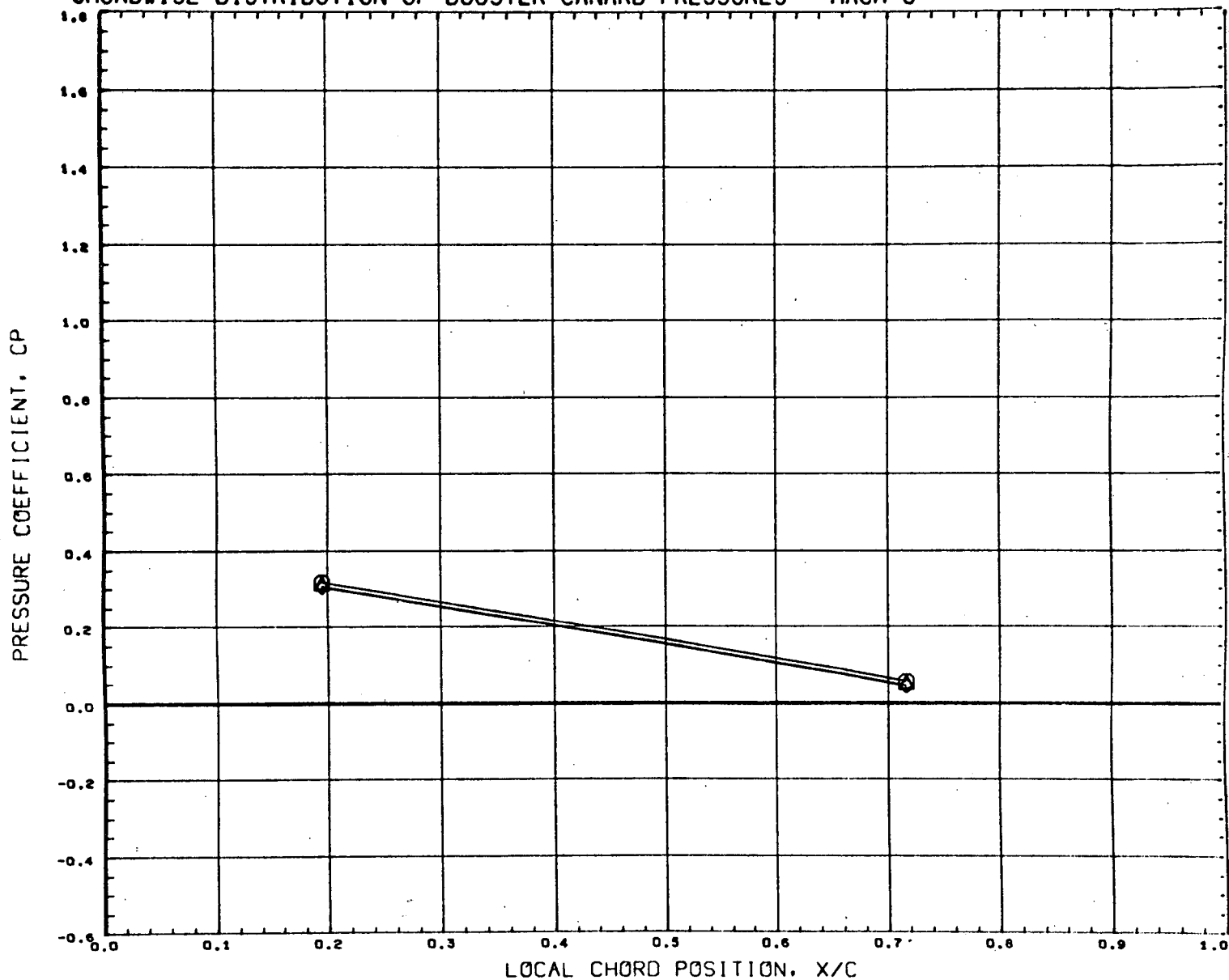
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8553•

PAGE 1506

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.060
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

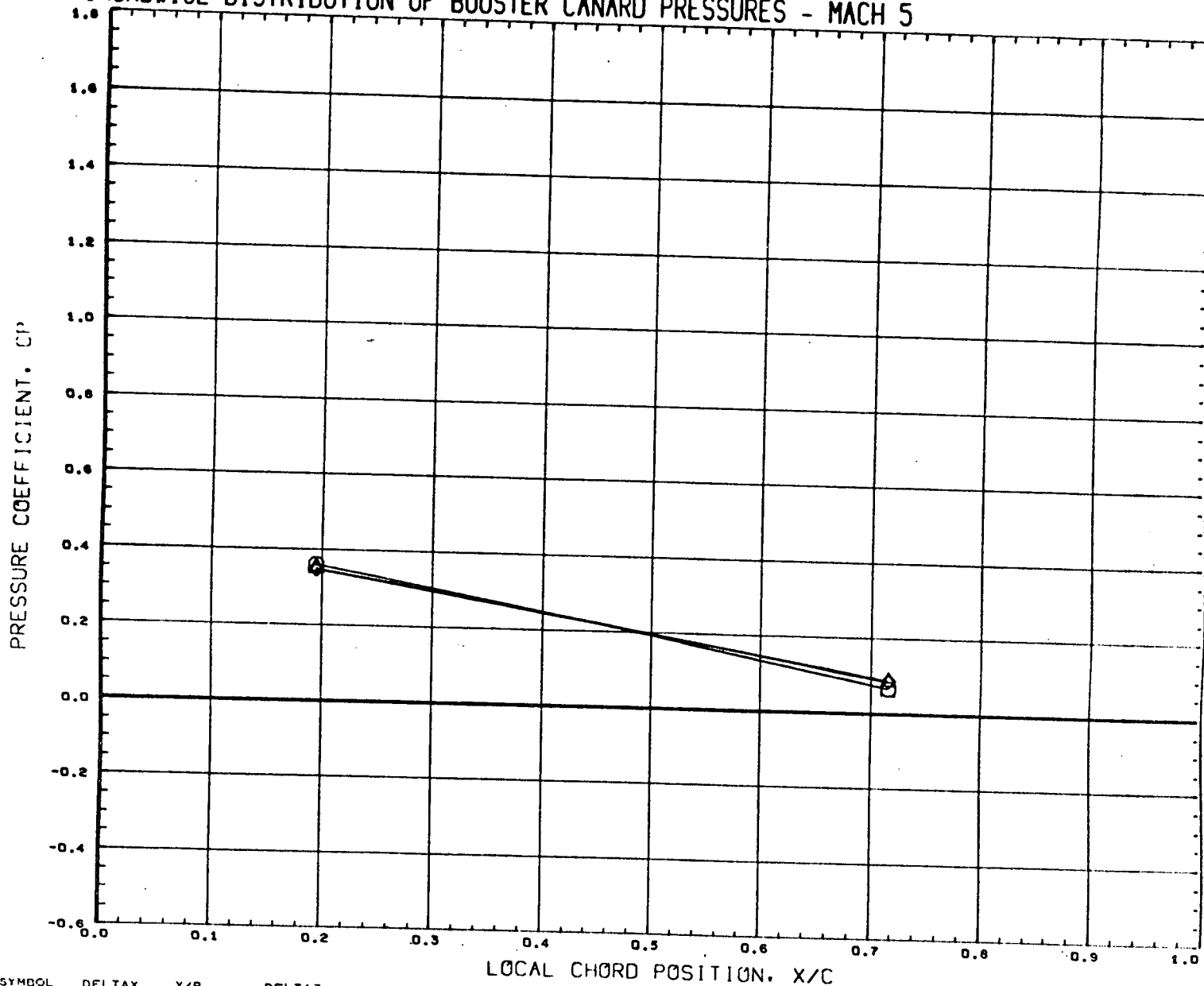
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8553•

PAGE 1507

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.679	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHA1	5.000
ORBPOW	0.000	BSTPOW	0.000

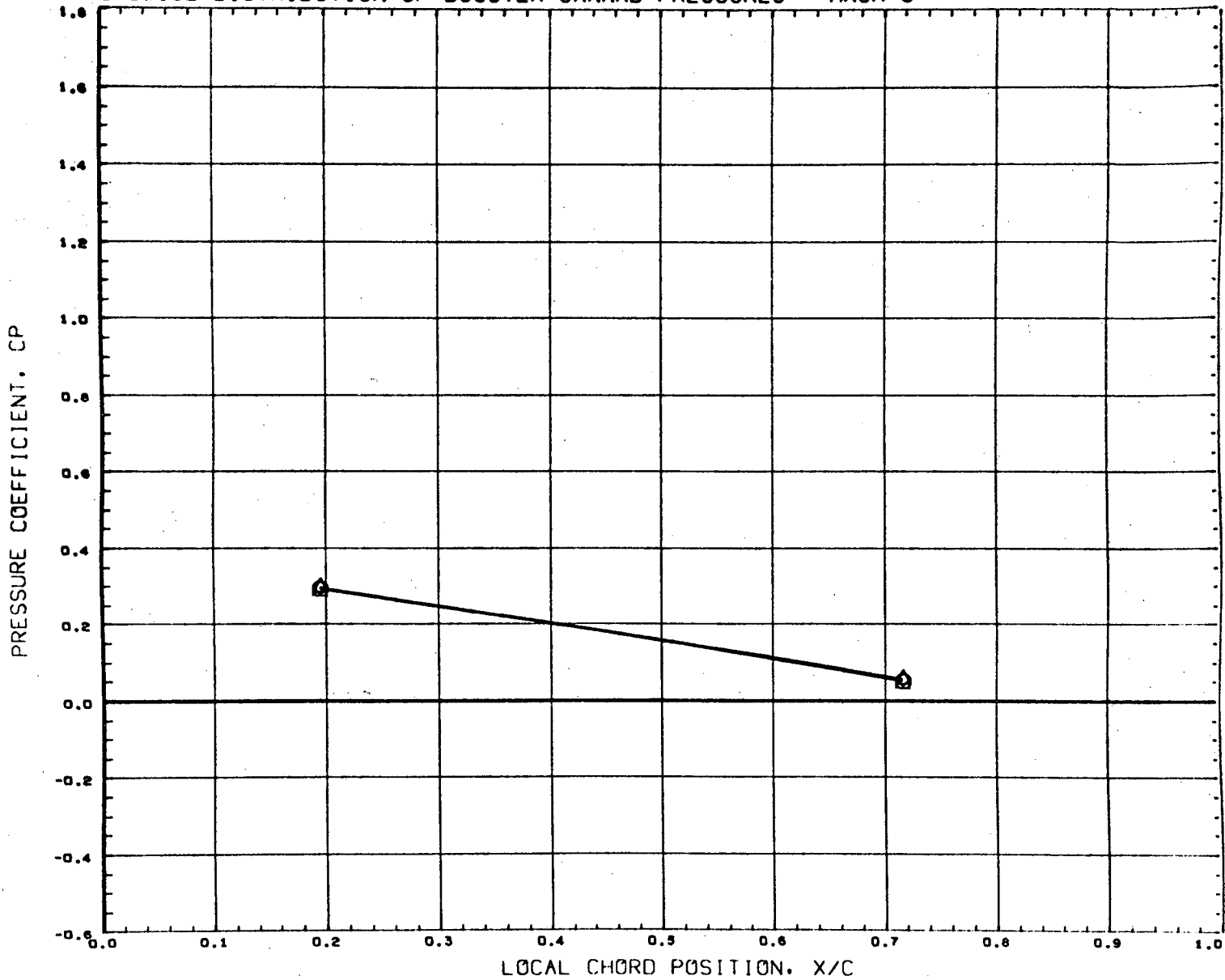
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8553•

PAGE 1508

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.033
MACH	4.970	ALPHA I	5.000
OR8POW	0.000	BSTPOW	0.000

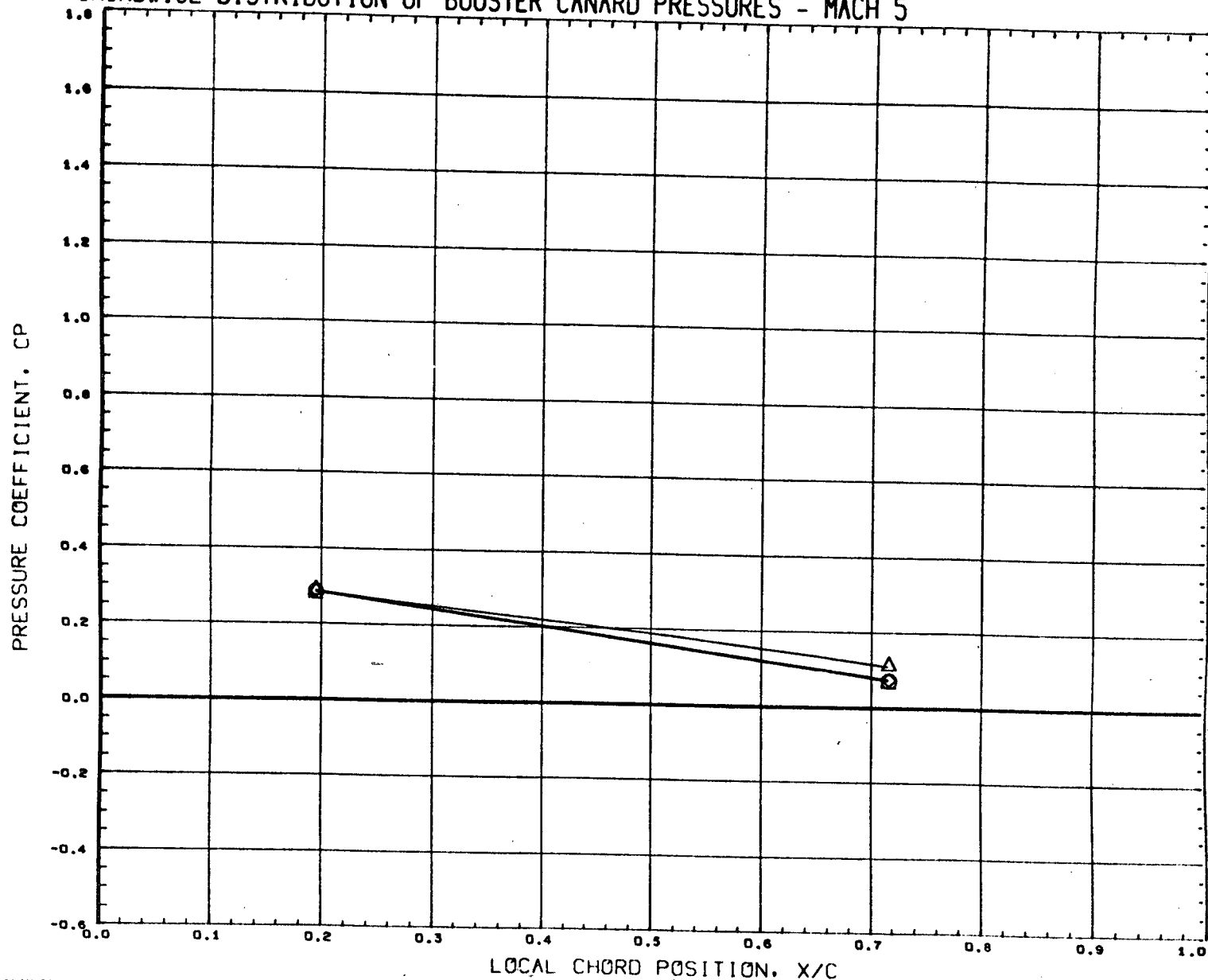
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8554•

PAGE 1509

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

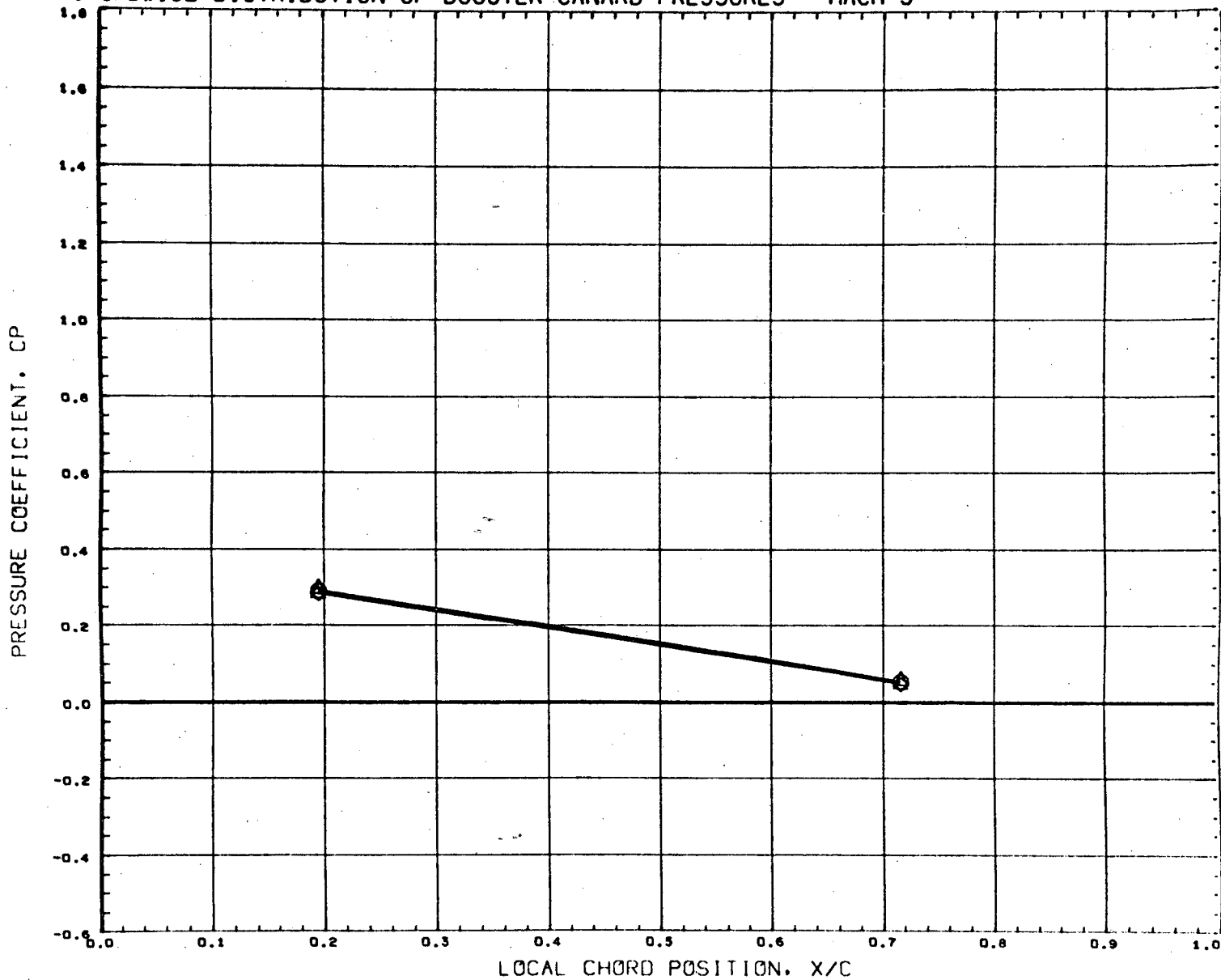
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8554•

PAGE 1510

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.033
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

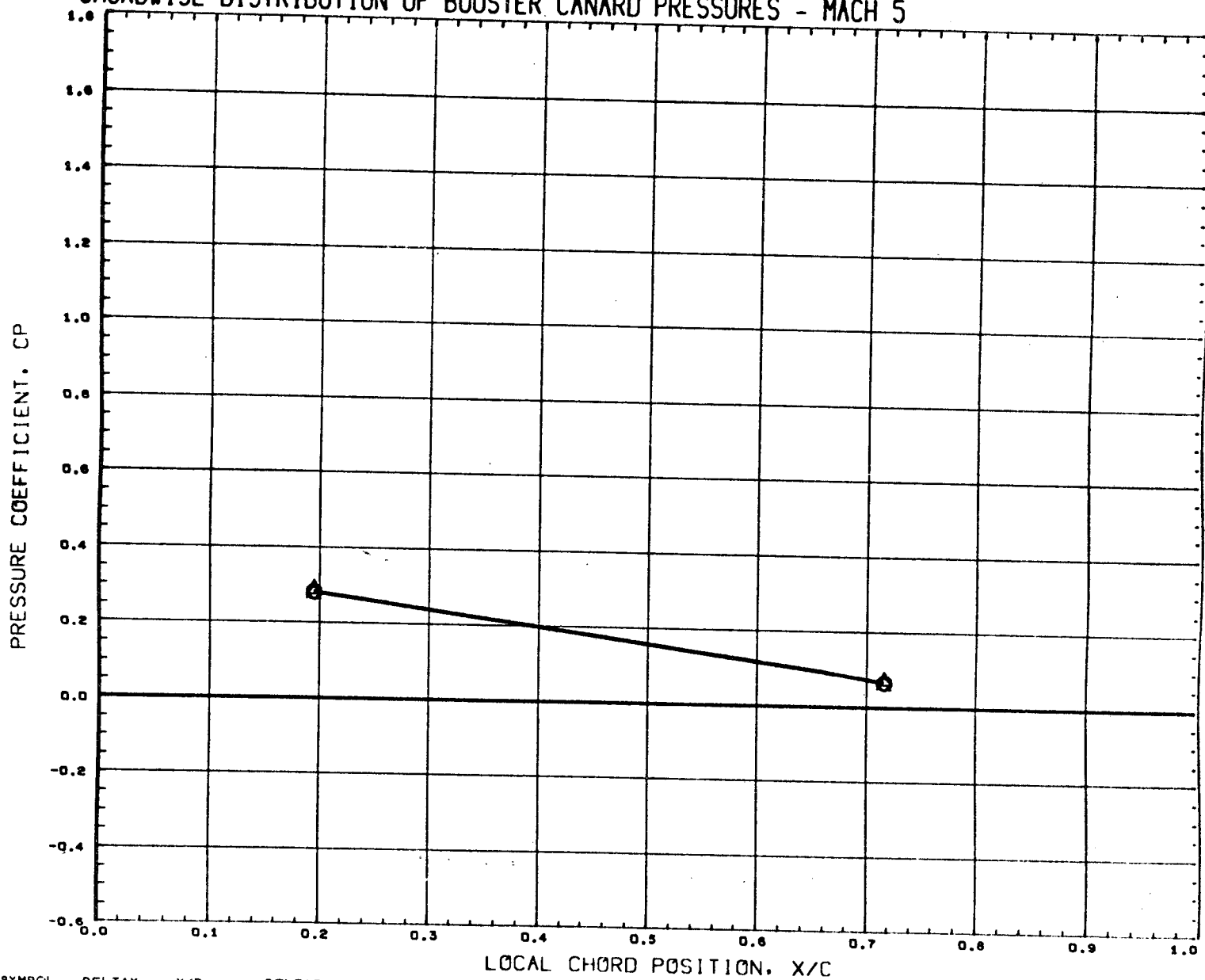
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8554•

PAGE 1511

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.033
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

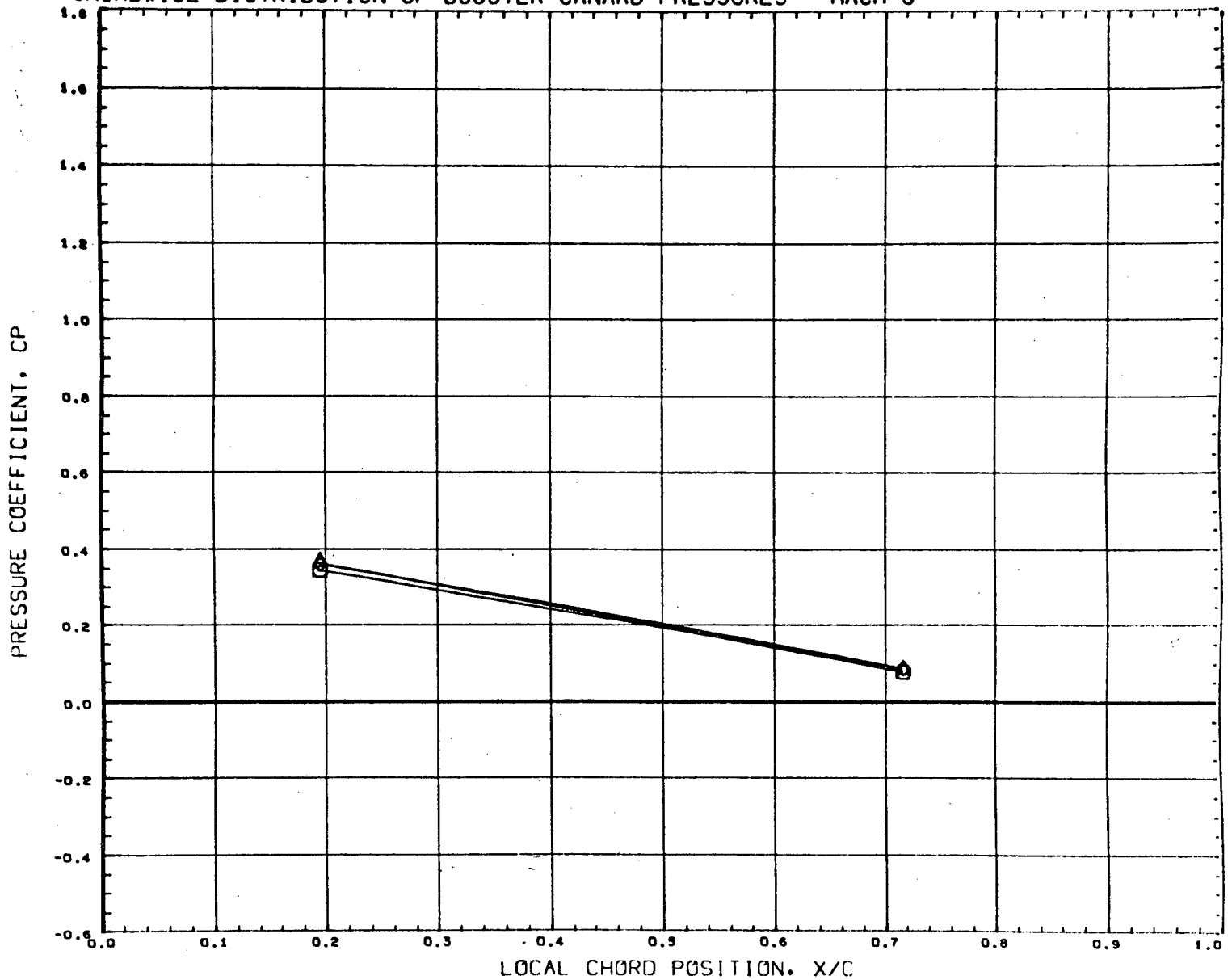
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8554•

PAGE 1512

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.565	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.933
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

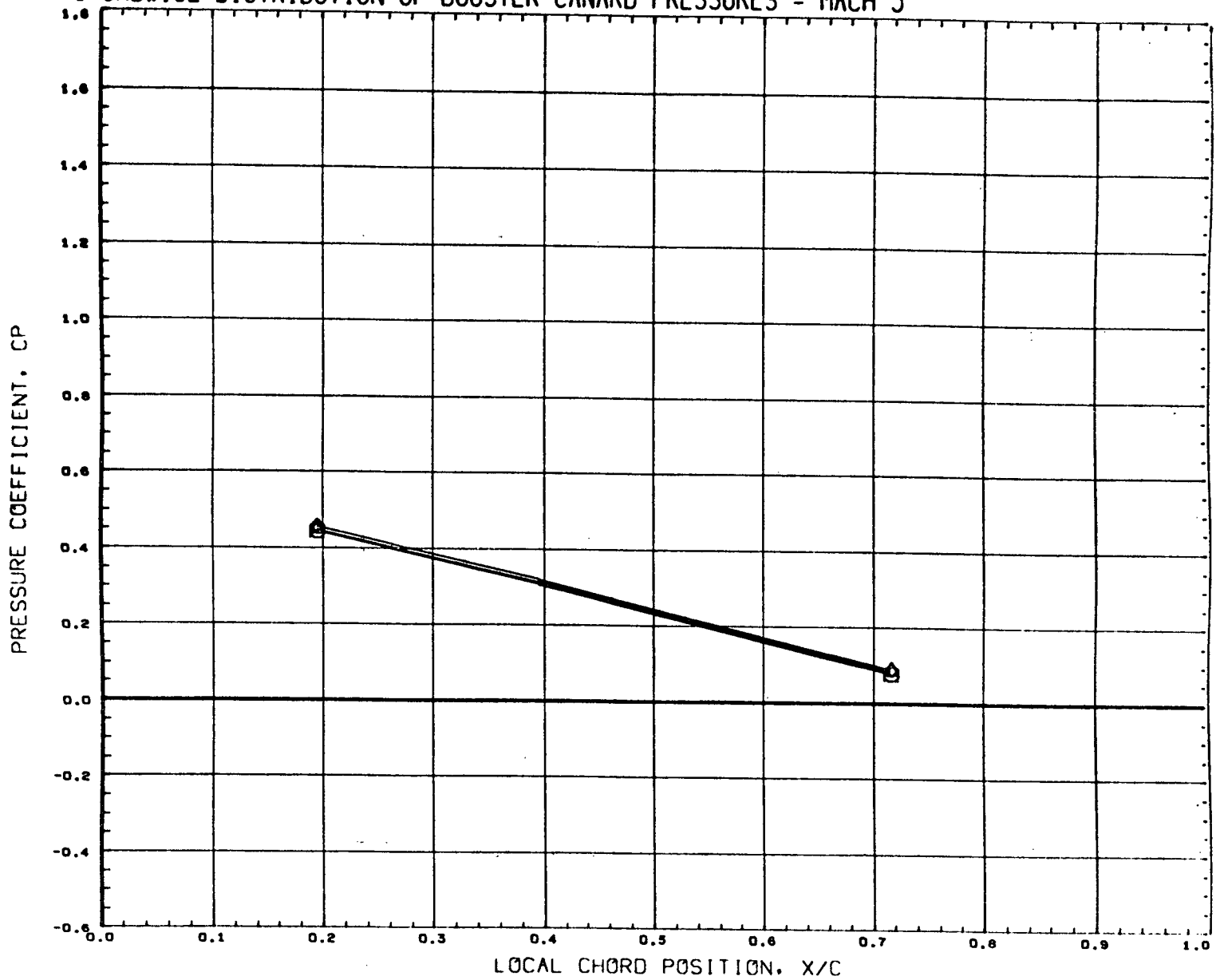
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8562•

PAGE 1513

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
-	0.143	0.879	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

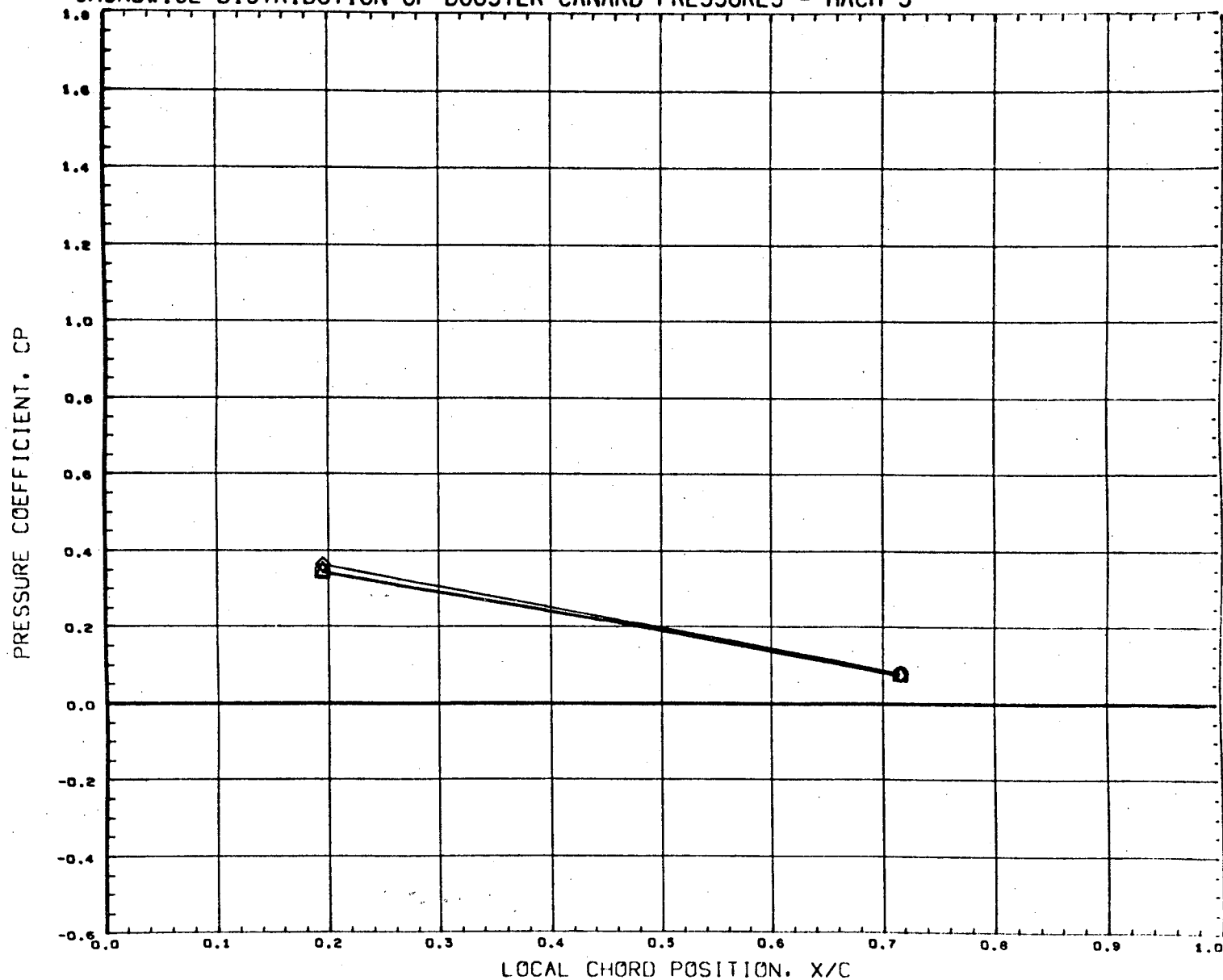
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8562•

PAGE 1514

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.144	0.565	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA2	- 4.935
MACH	4.970	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	90.000

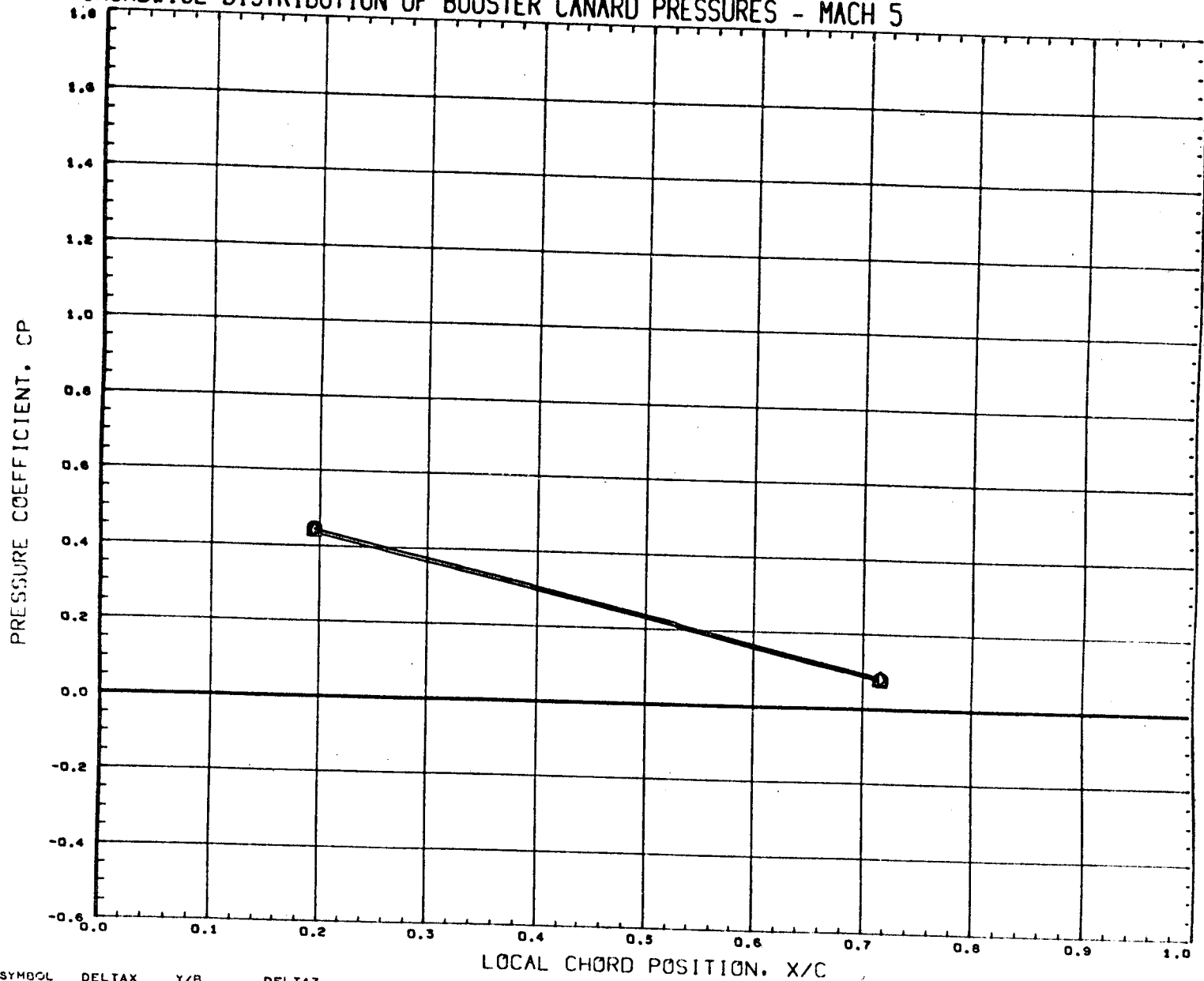
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8562•

PAGE 1515

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.679	0.131
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.935
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

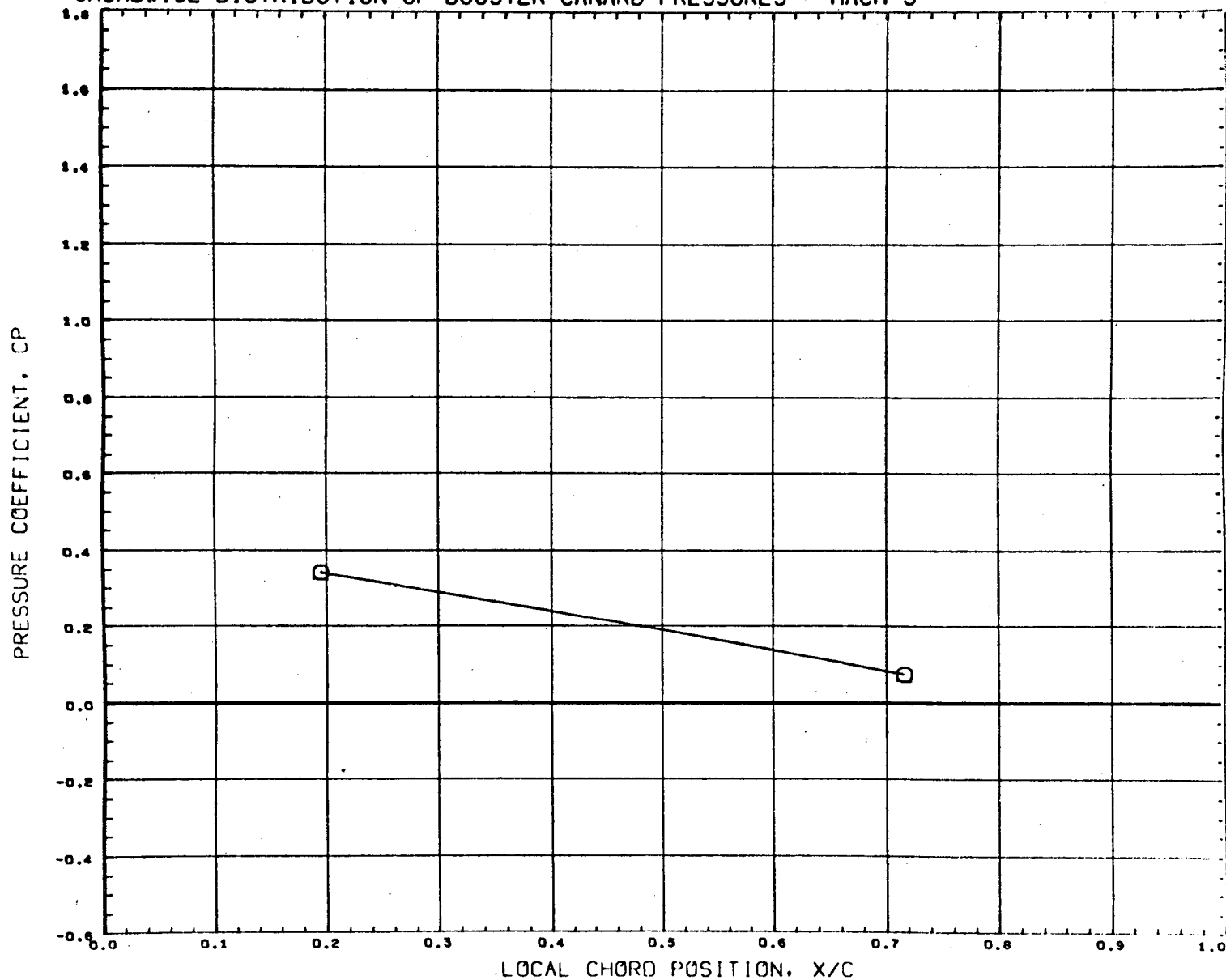
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8562•

PAGE 1516

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.565 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.935
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

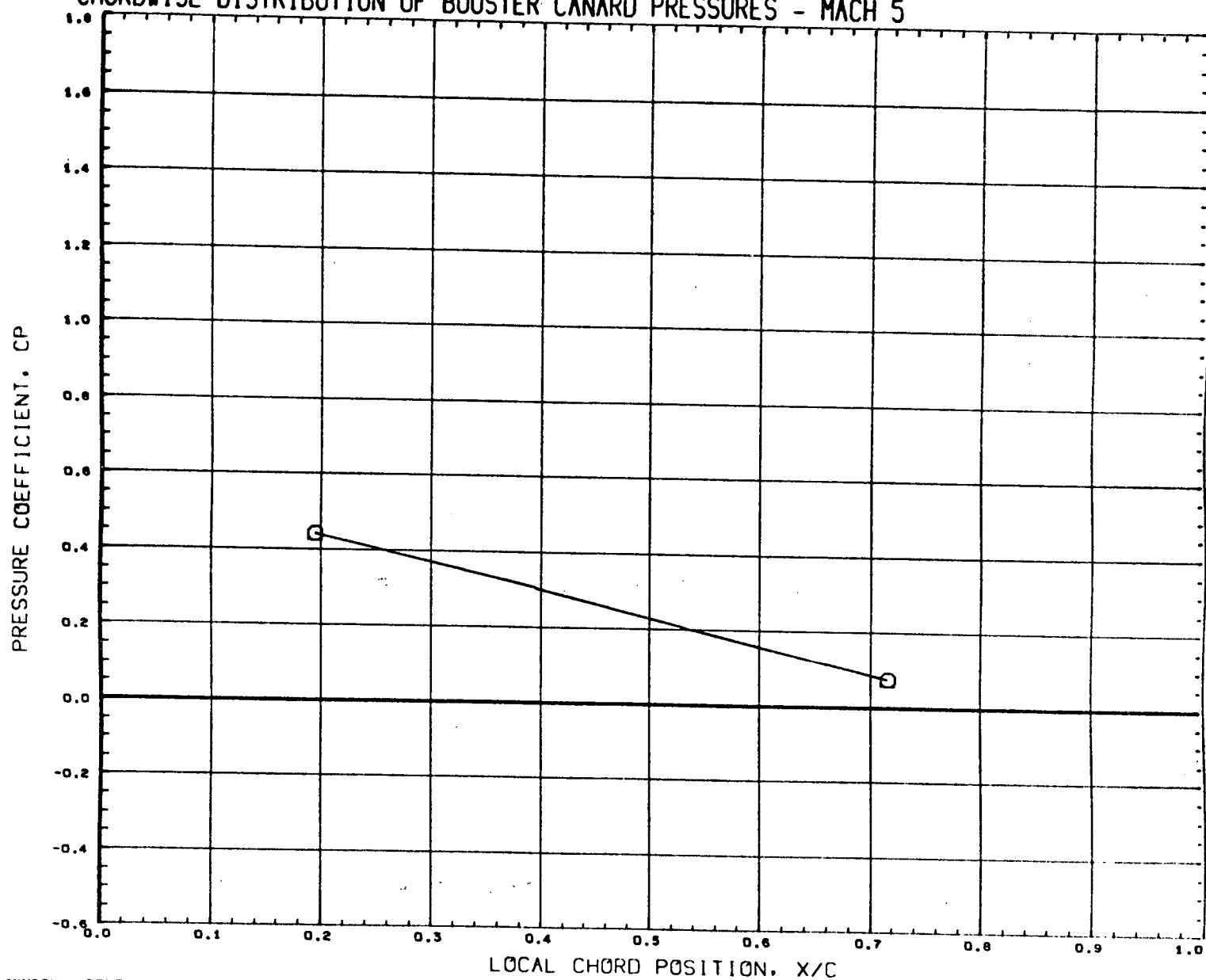
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8562•

PAGE 1517

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.879 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAD - 4.935
 MACH 4.970 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 50.000

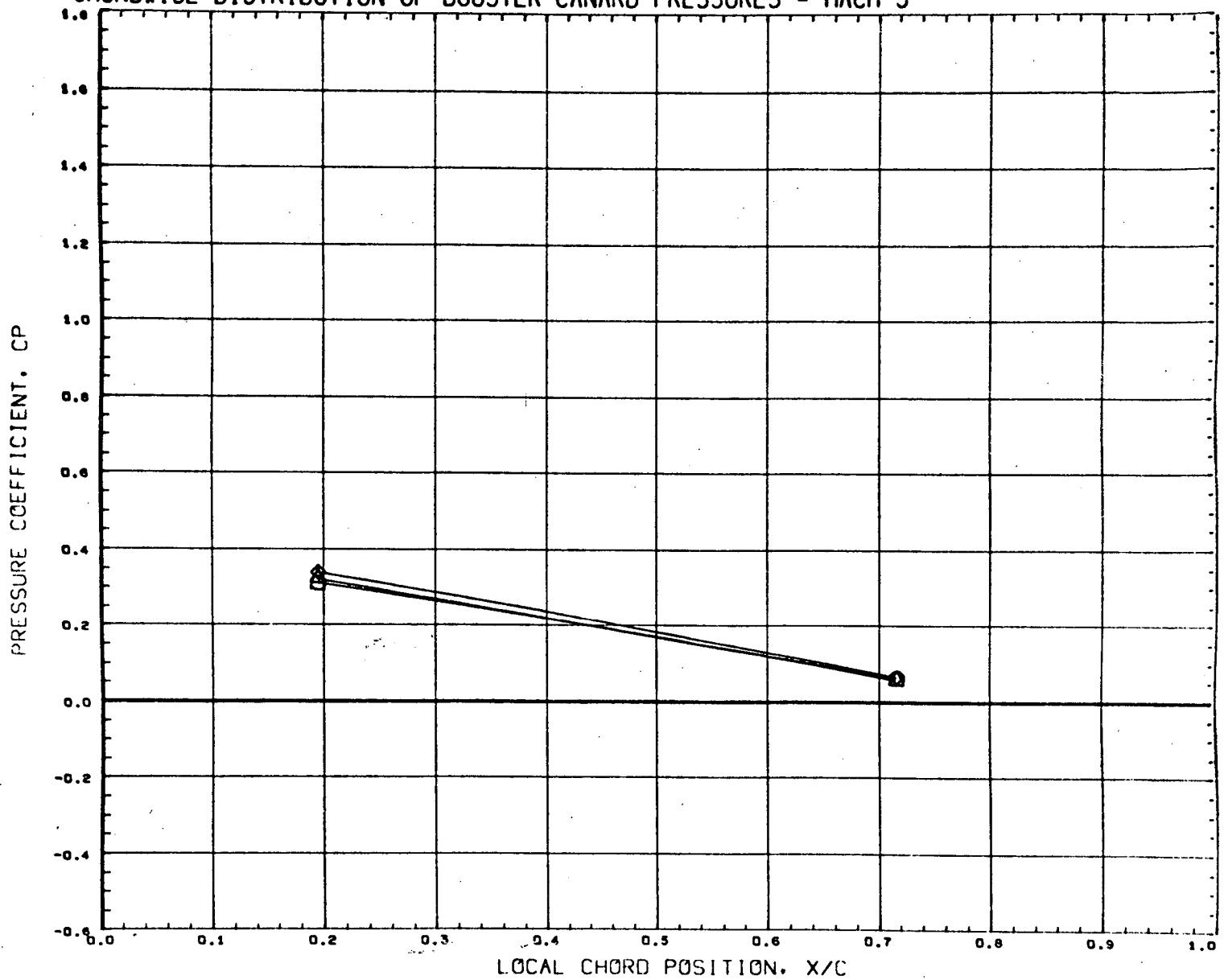
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8562•

PAGE 1518

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.565	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAT	0.000
ORBPOW	100.000	BSTPOW	50.000

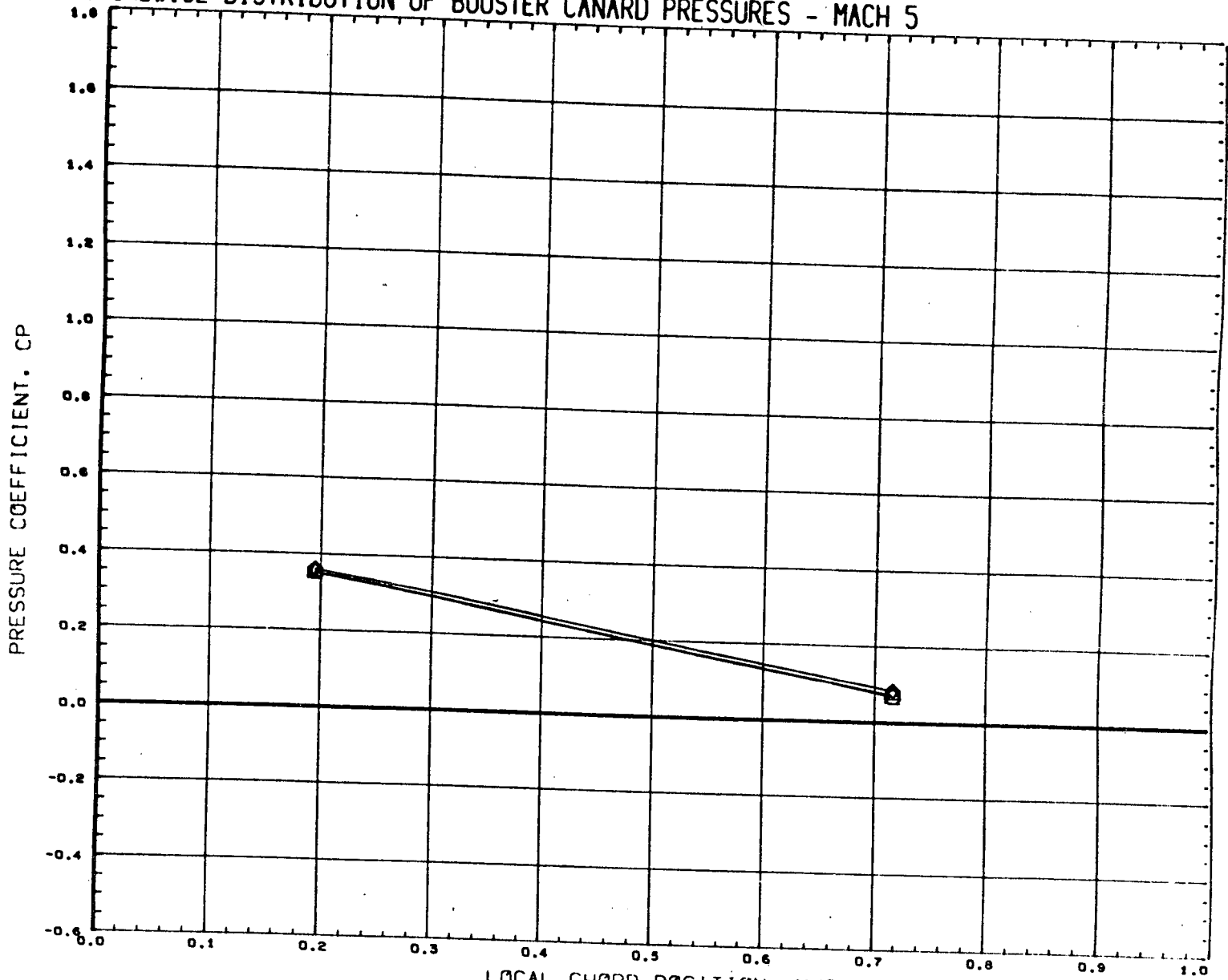
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8563•

PAGE 1519

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.879	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

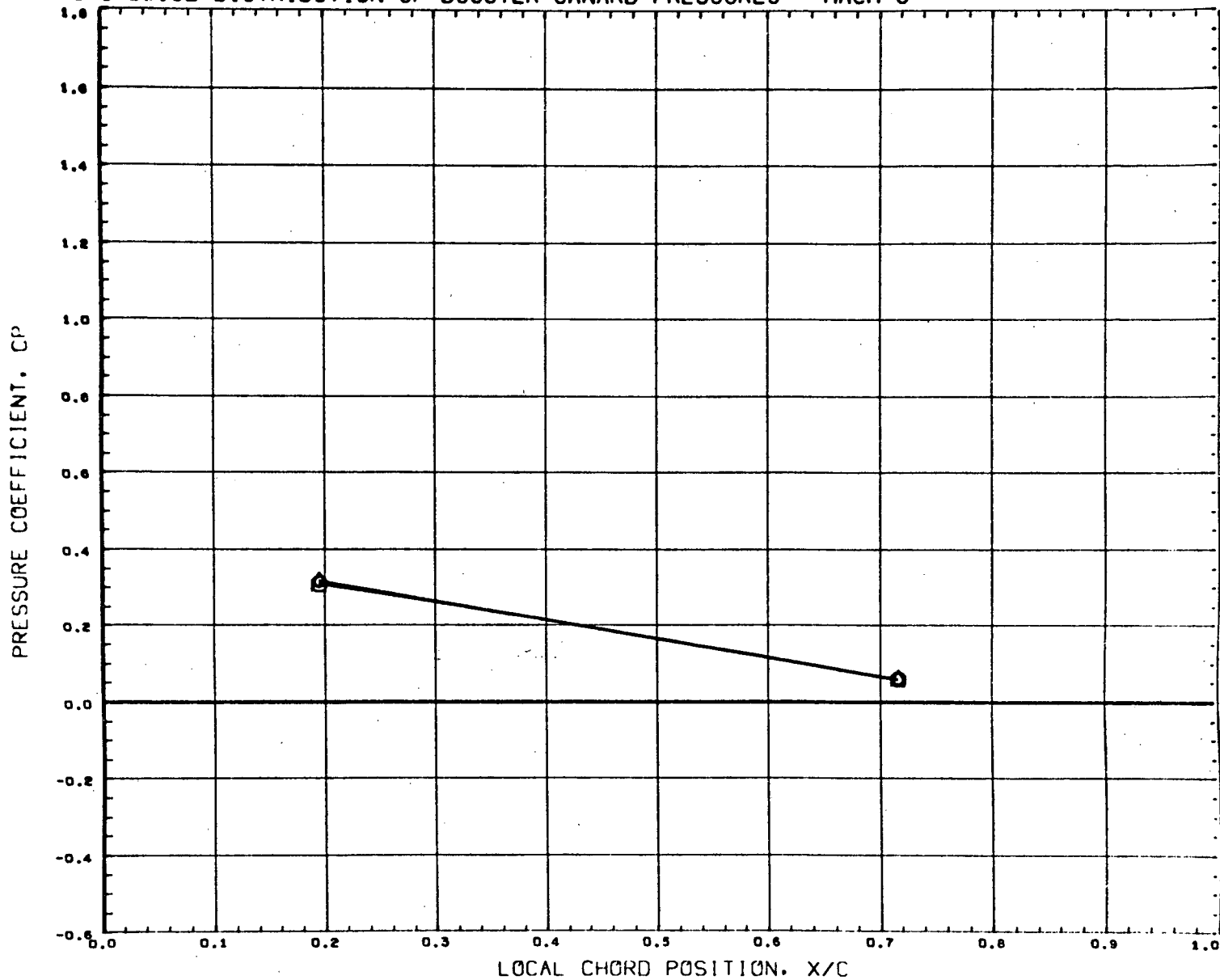
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8563•

PAGE 1520

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

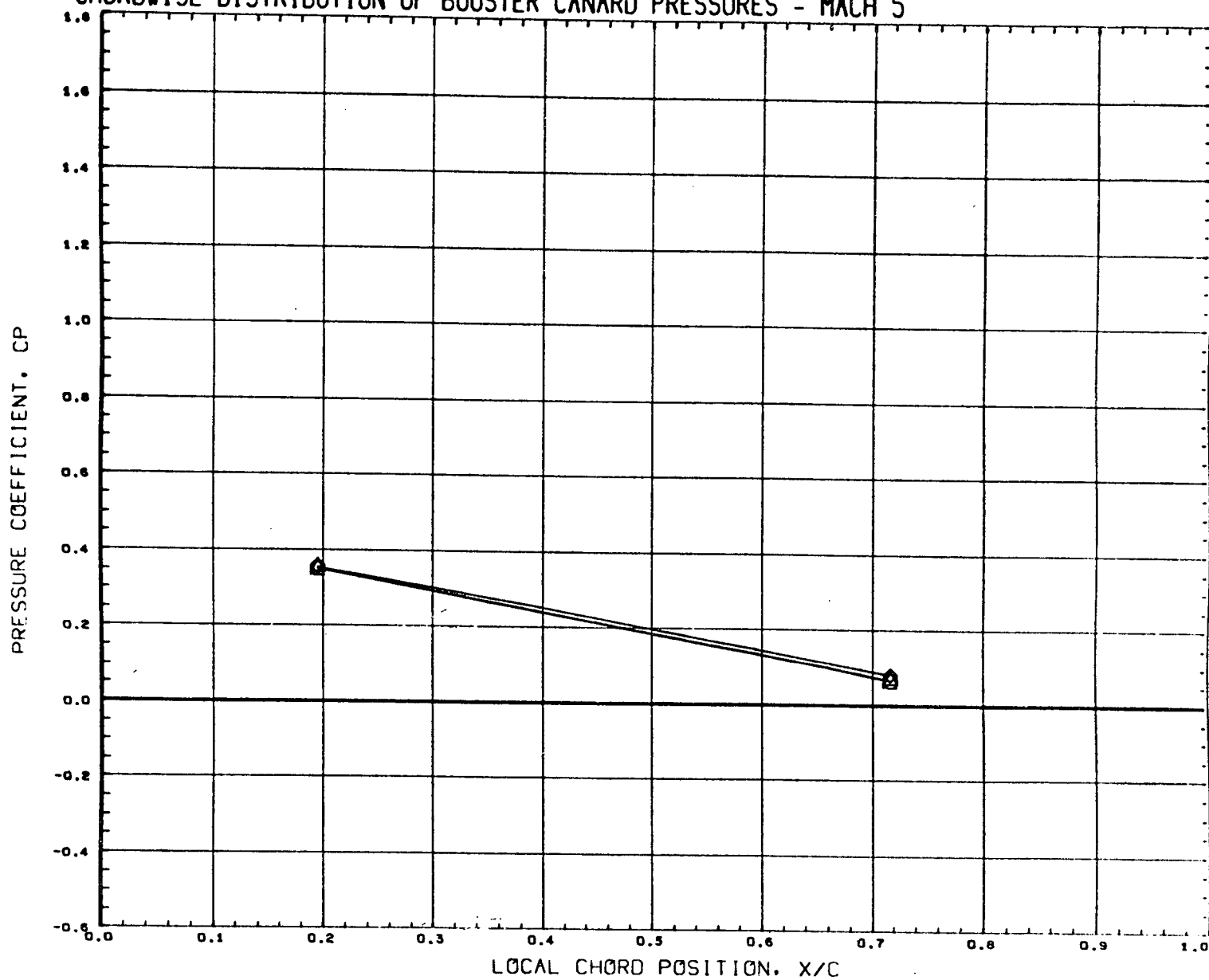
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•012563•

PAGE 1521

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

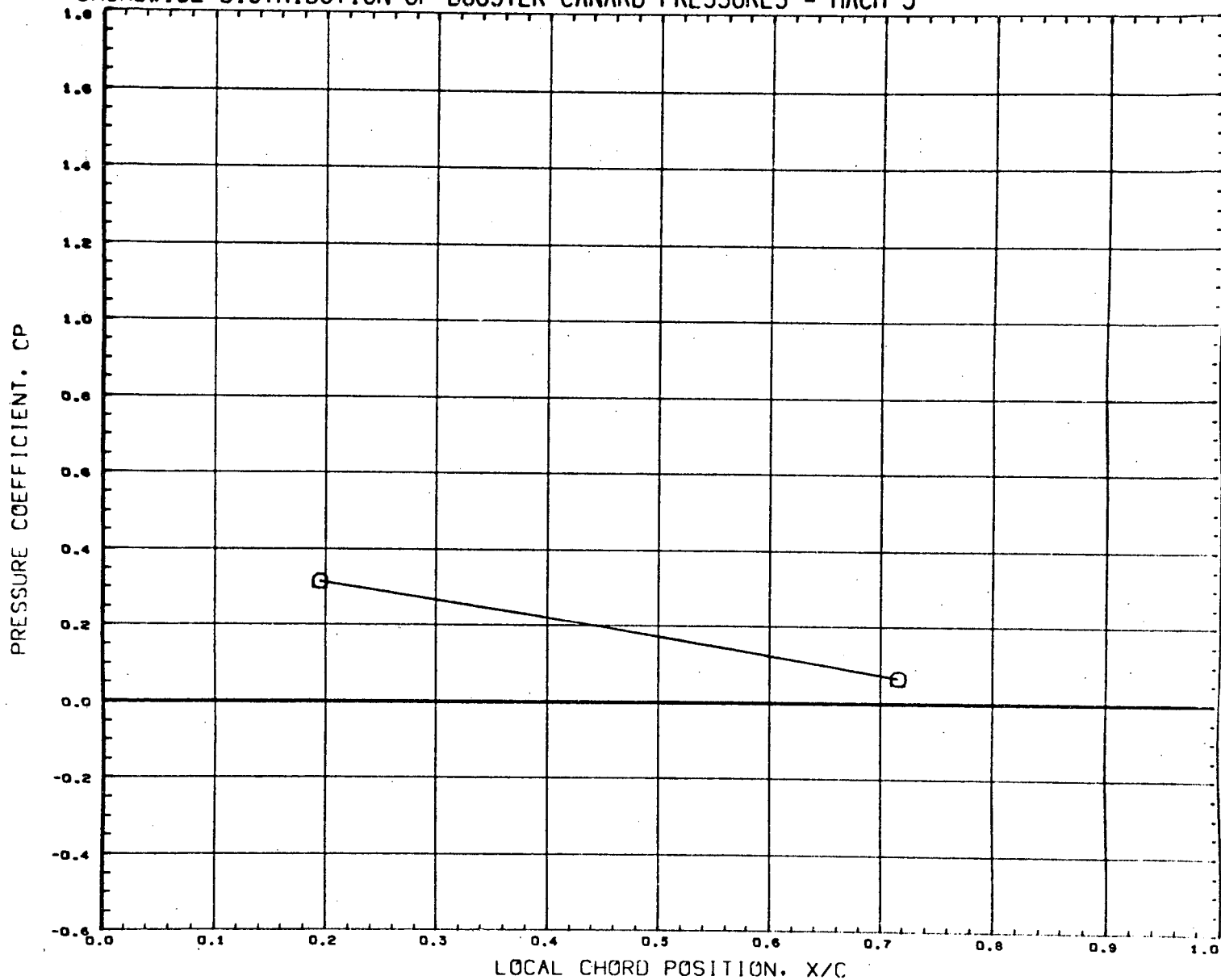
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8563•

PAGE 1522

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.920	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA T	0.000
ORBPOW	100.000	BSTPOW	50.000

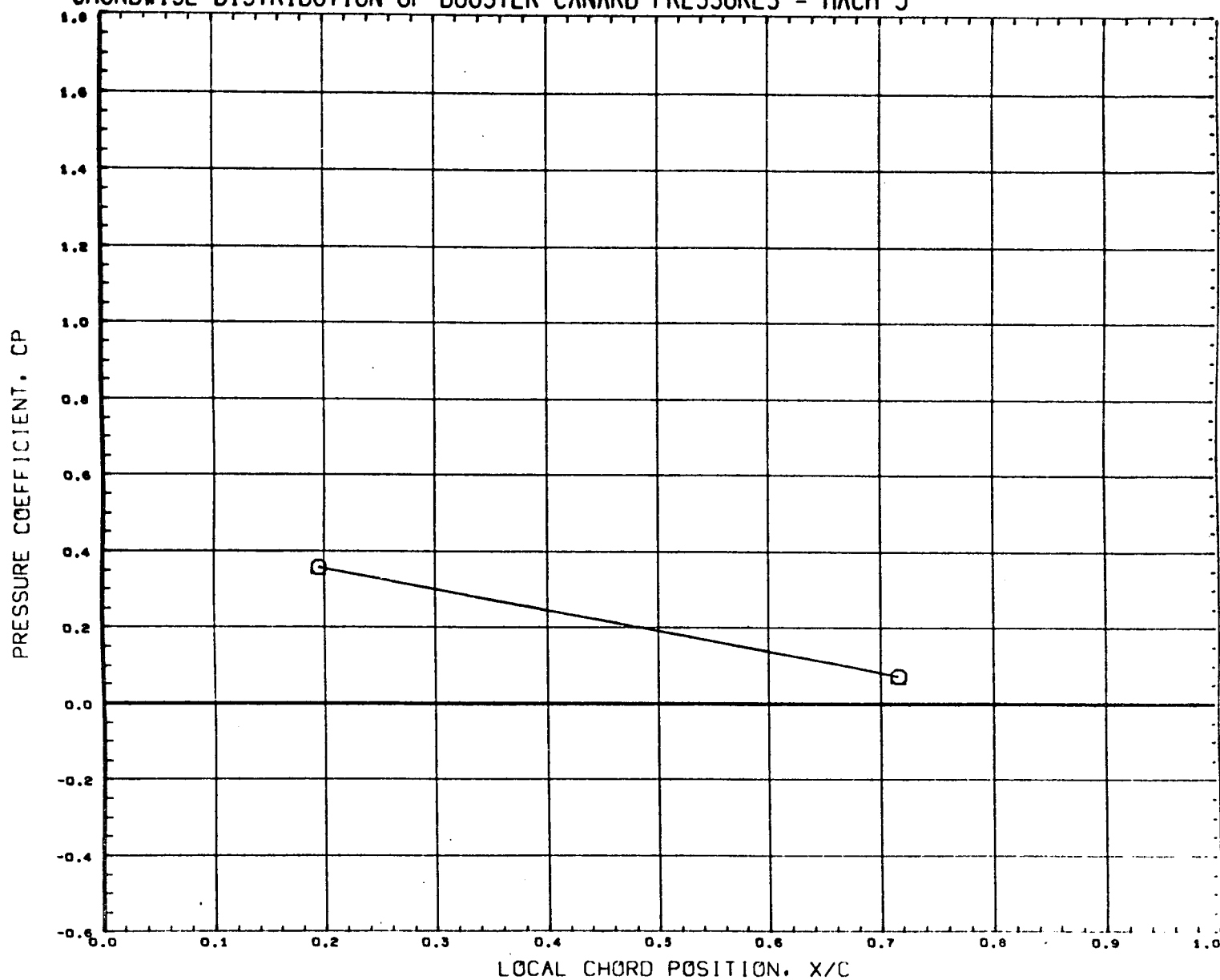
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8563•

PAGE 1523

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

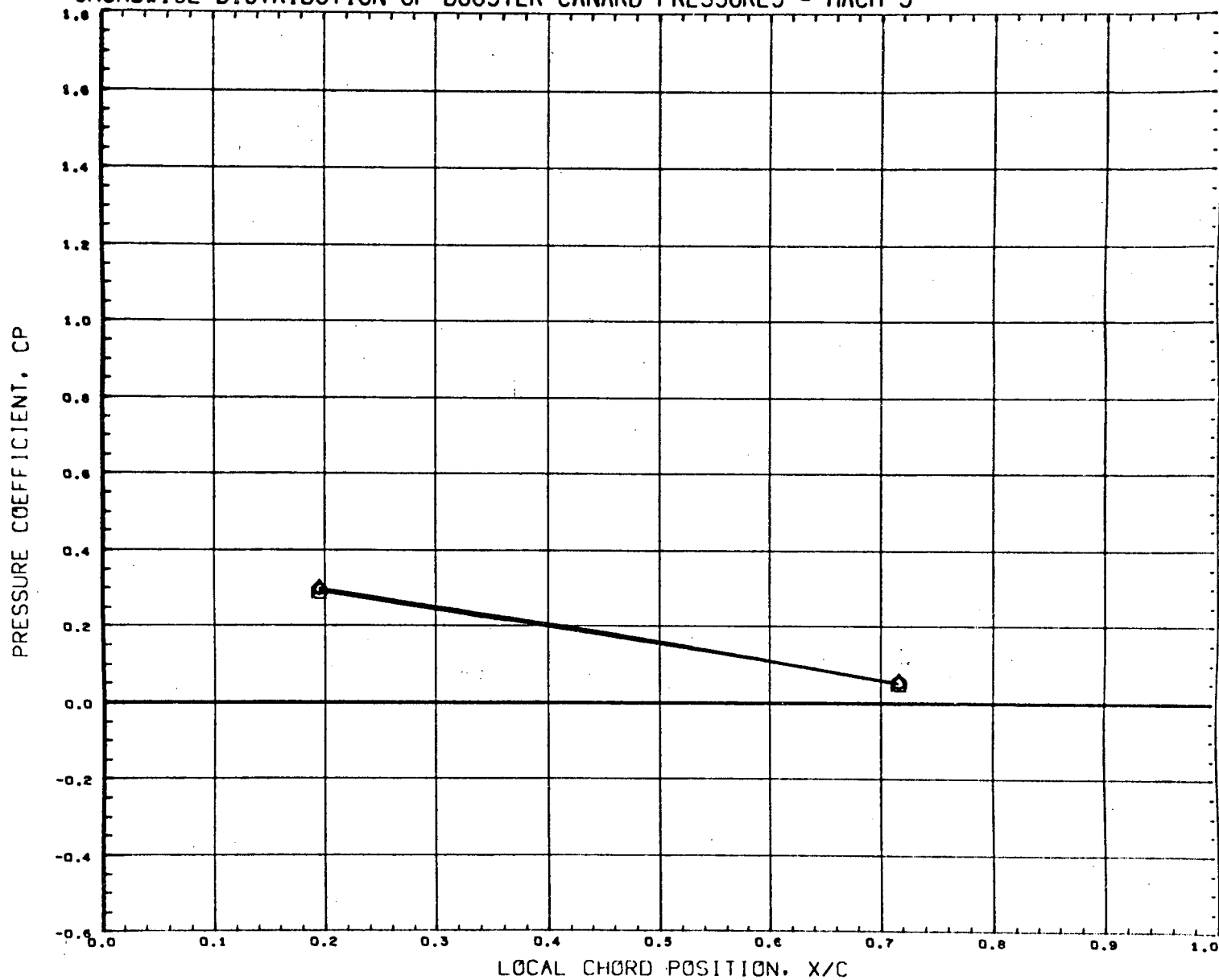
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8563•

PAGE 1524

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.565	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	3.578
MACH	4.970	ALPHA _I	0.000
ORBPOW	100.000	BSTPOW	50.000

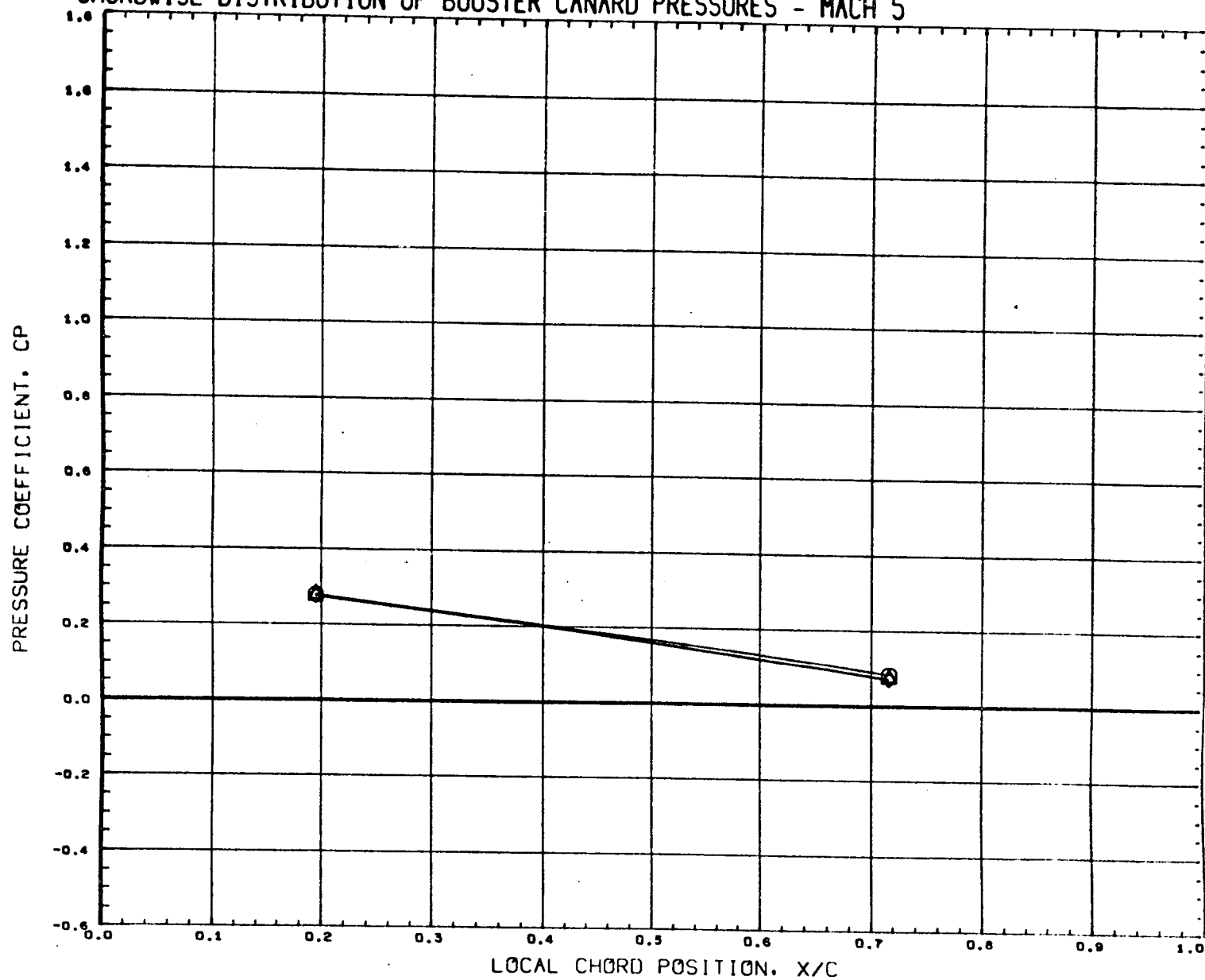
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8564•

PAGE 1525

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.143	0.879	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.578
MACH	4.970	ALPHA I	0.000
ORSPOW	100.000	ESTPOW	50.000

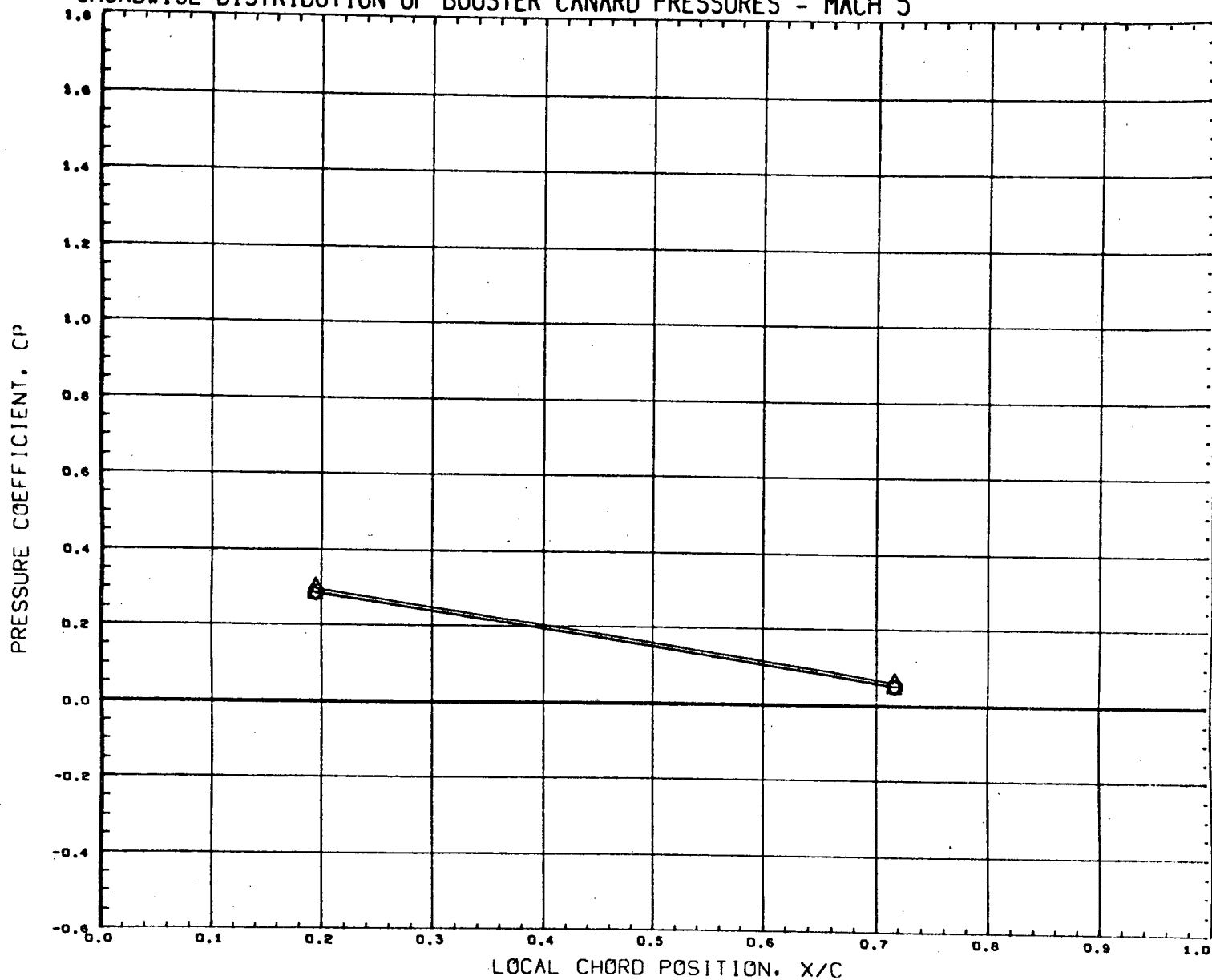
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT3564•

PAGE 1526

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.578
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

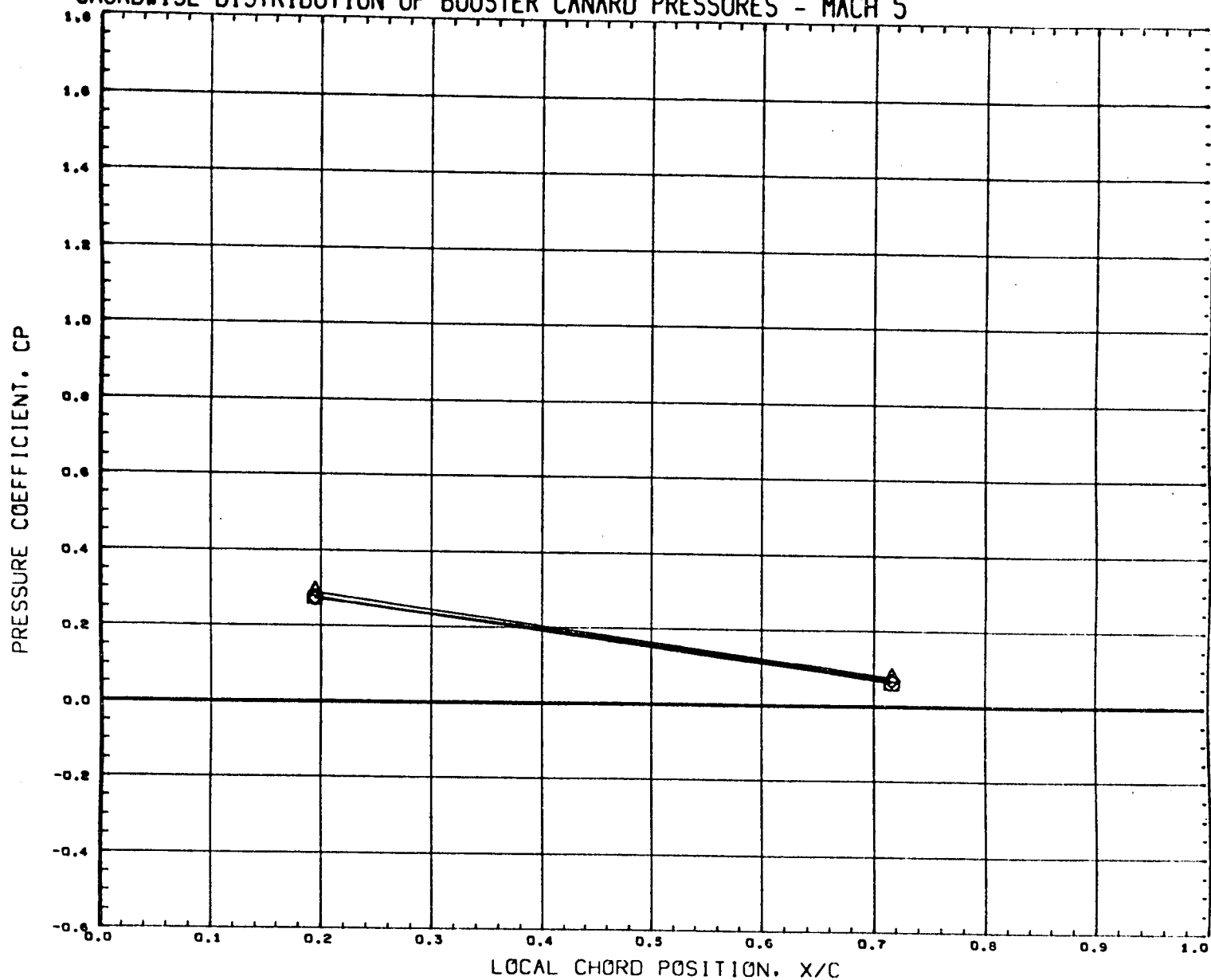
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8564•

PAGE 1527

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.679	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.578
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

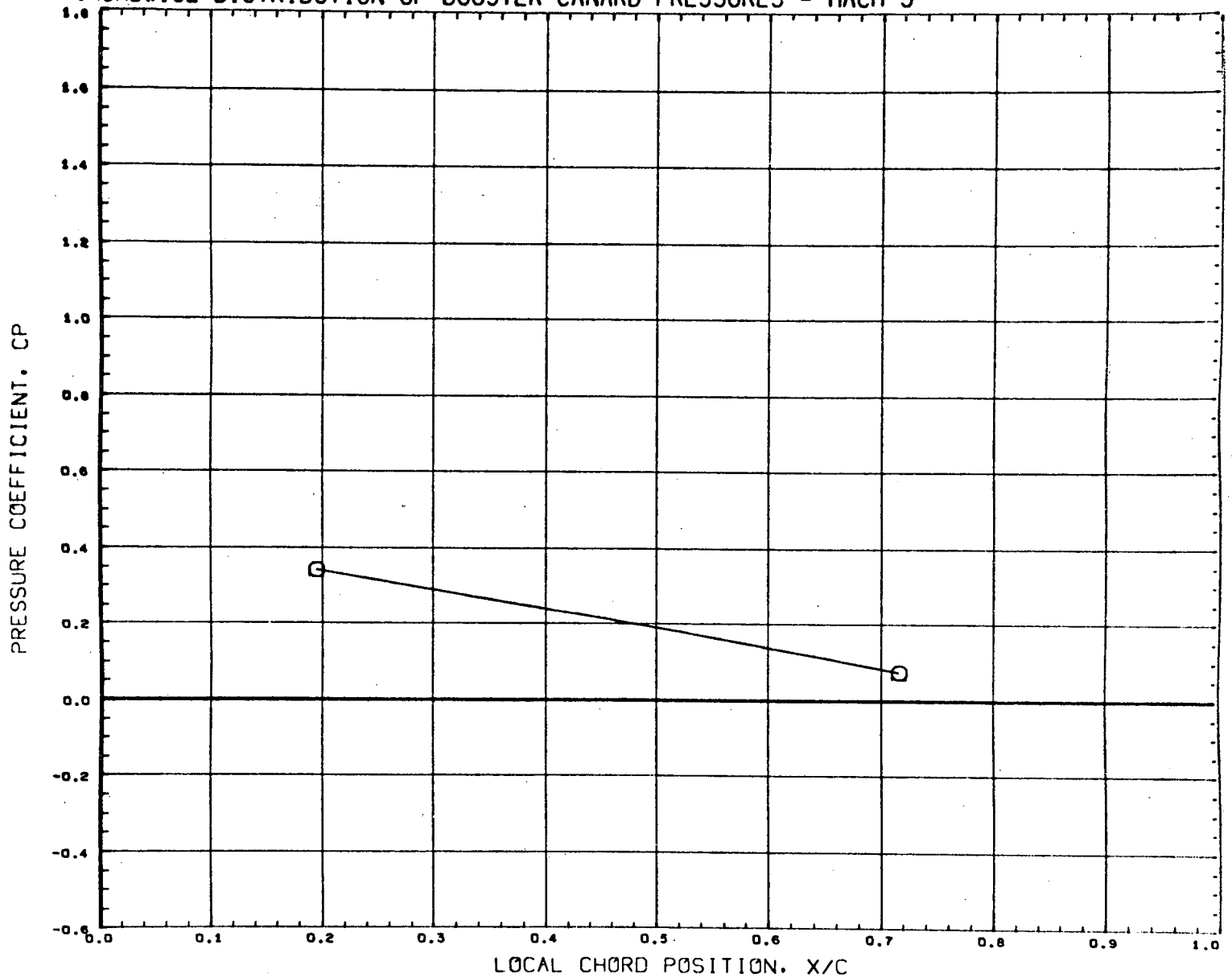
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8564•

PAGE 1528

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	ESTPOW	50.000

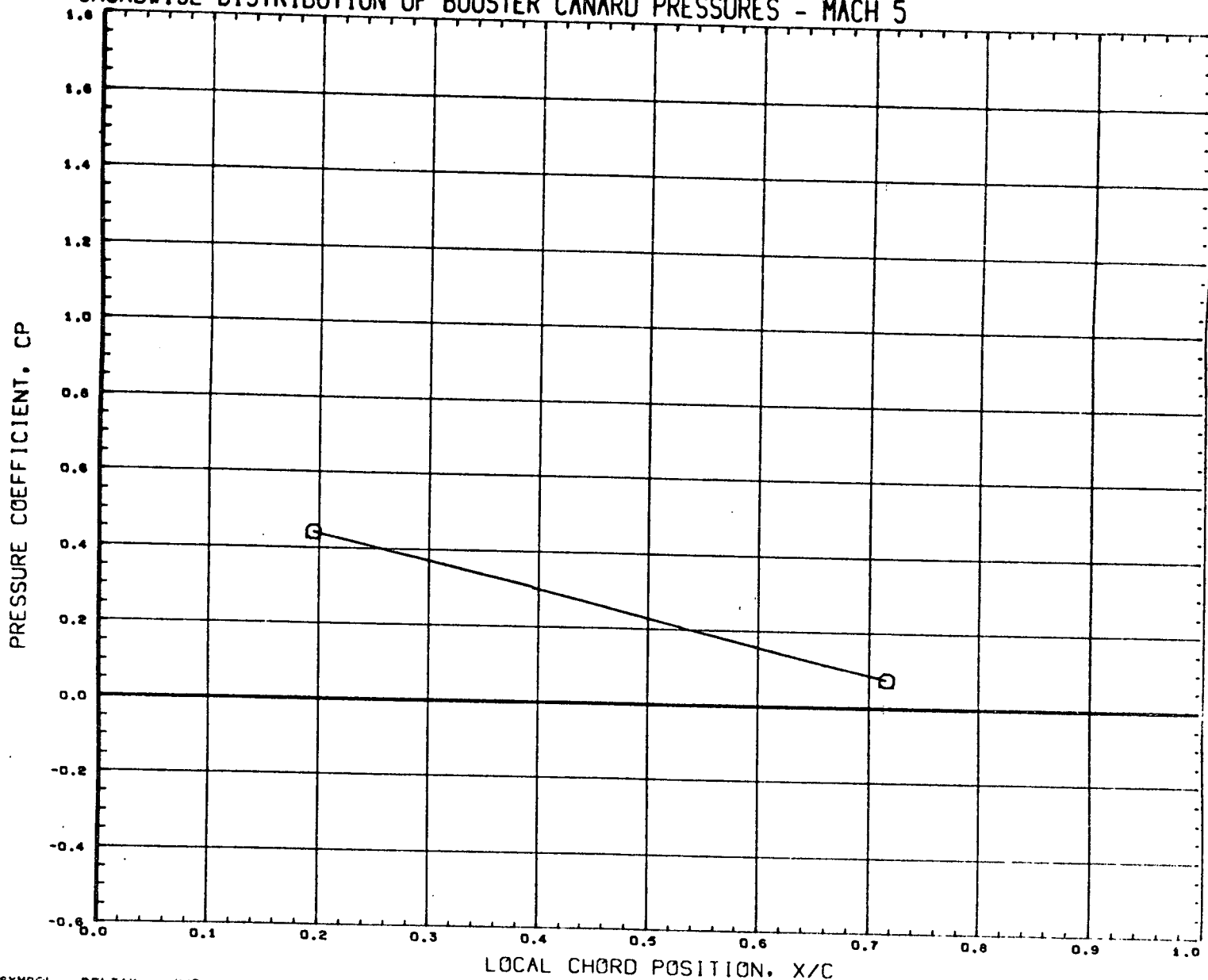
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8564•

PAGE 1529

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O 0.520 0.879 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 3.378
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

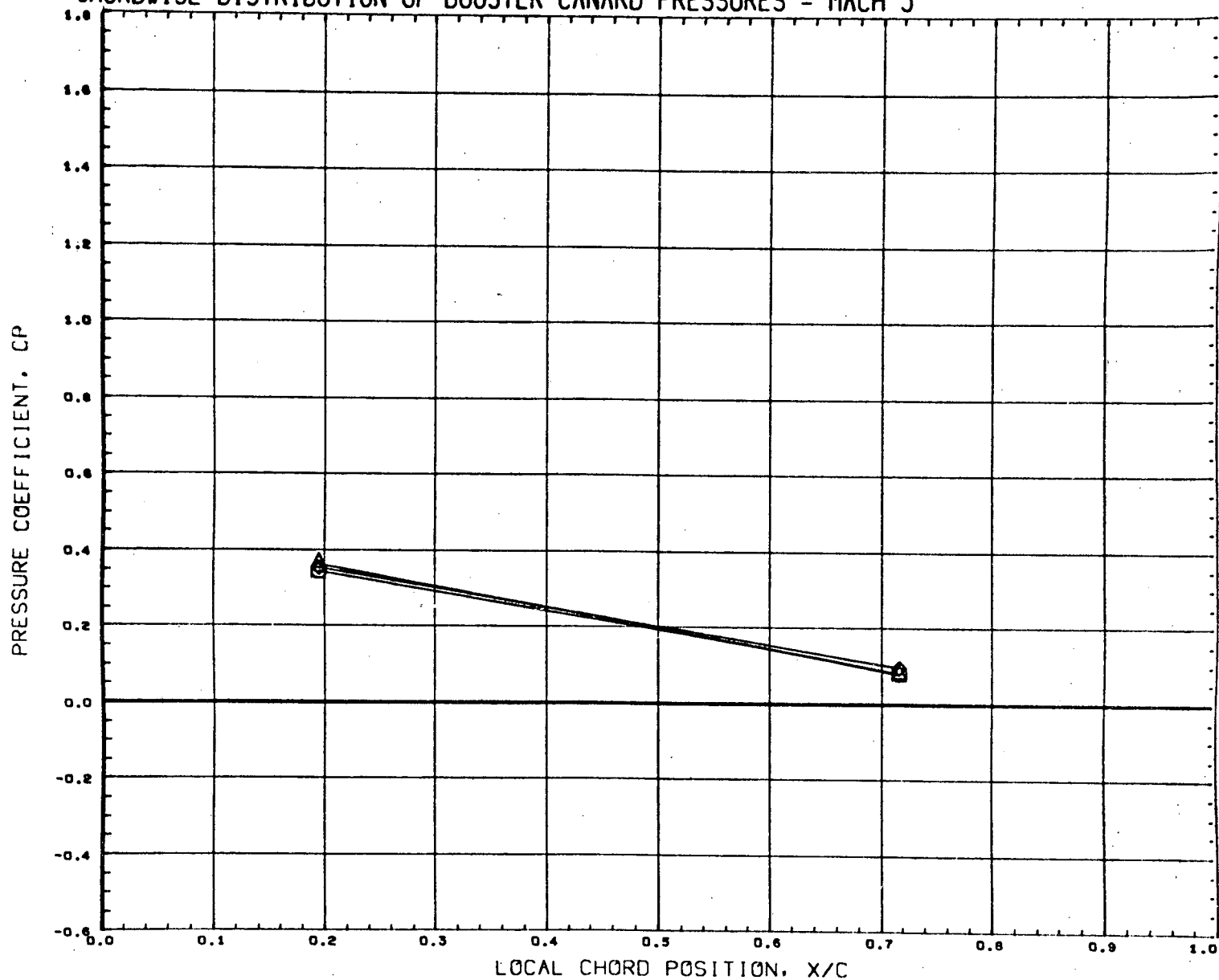
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8564•

PAGE 1530

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

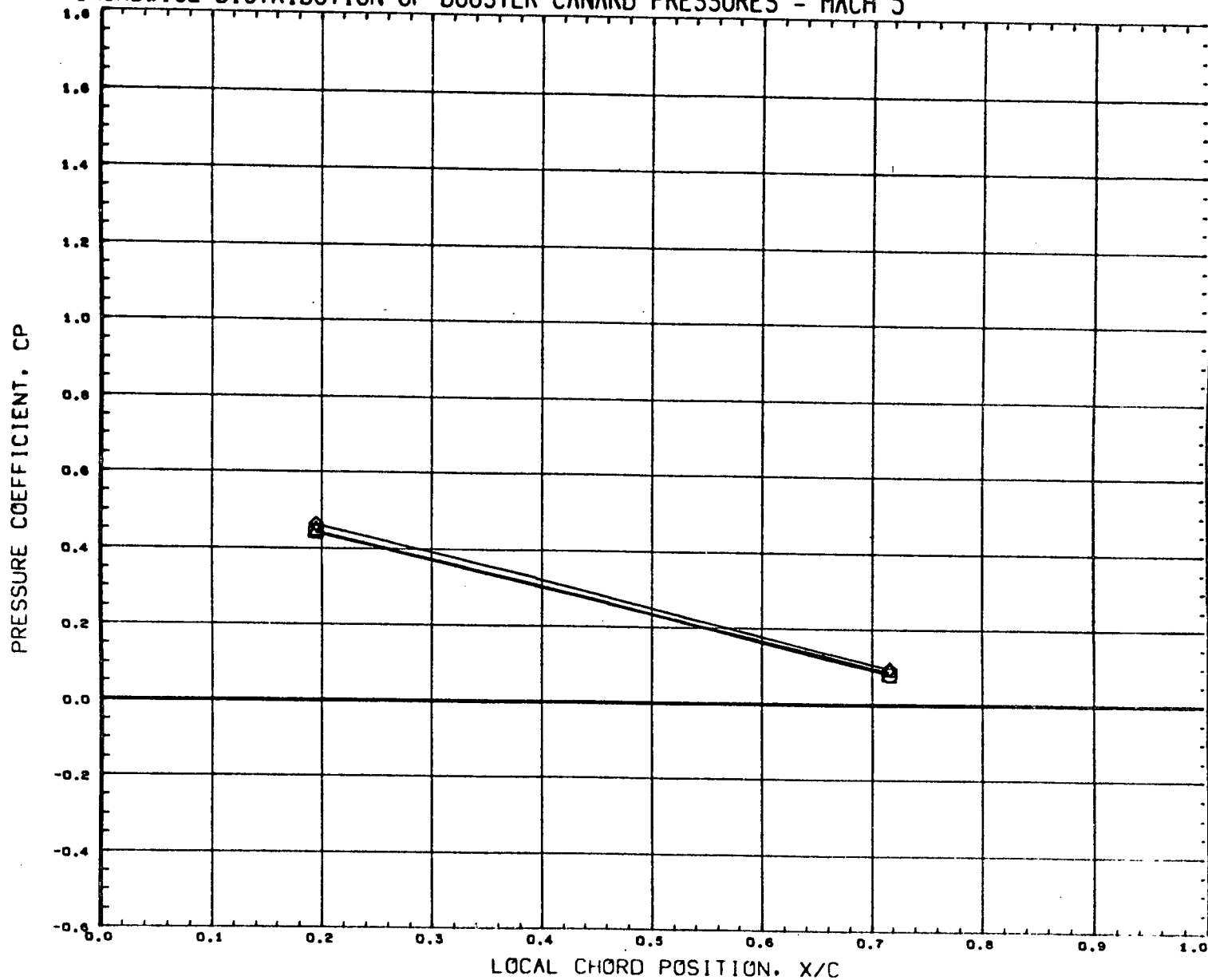
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8572•

PAGE 1531

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

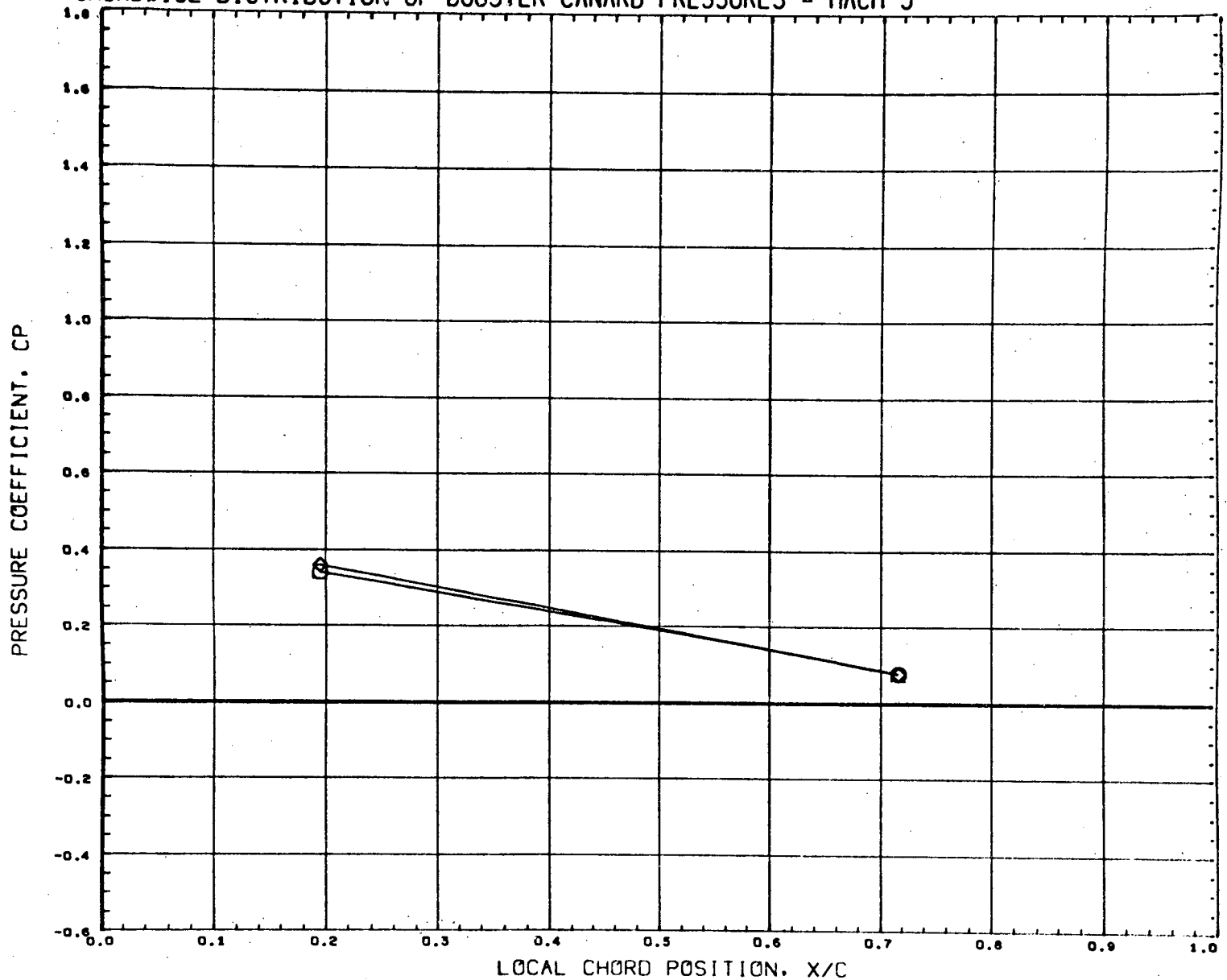
AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8572•

PAGE 1532

8000

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.365	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.930
MACH	4.970	ALPHA I	0.000
ORSPOW	0.000	BSTPOW	0.000

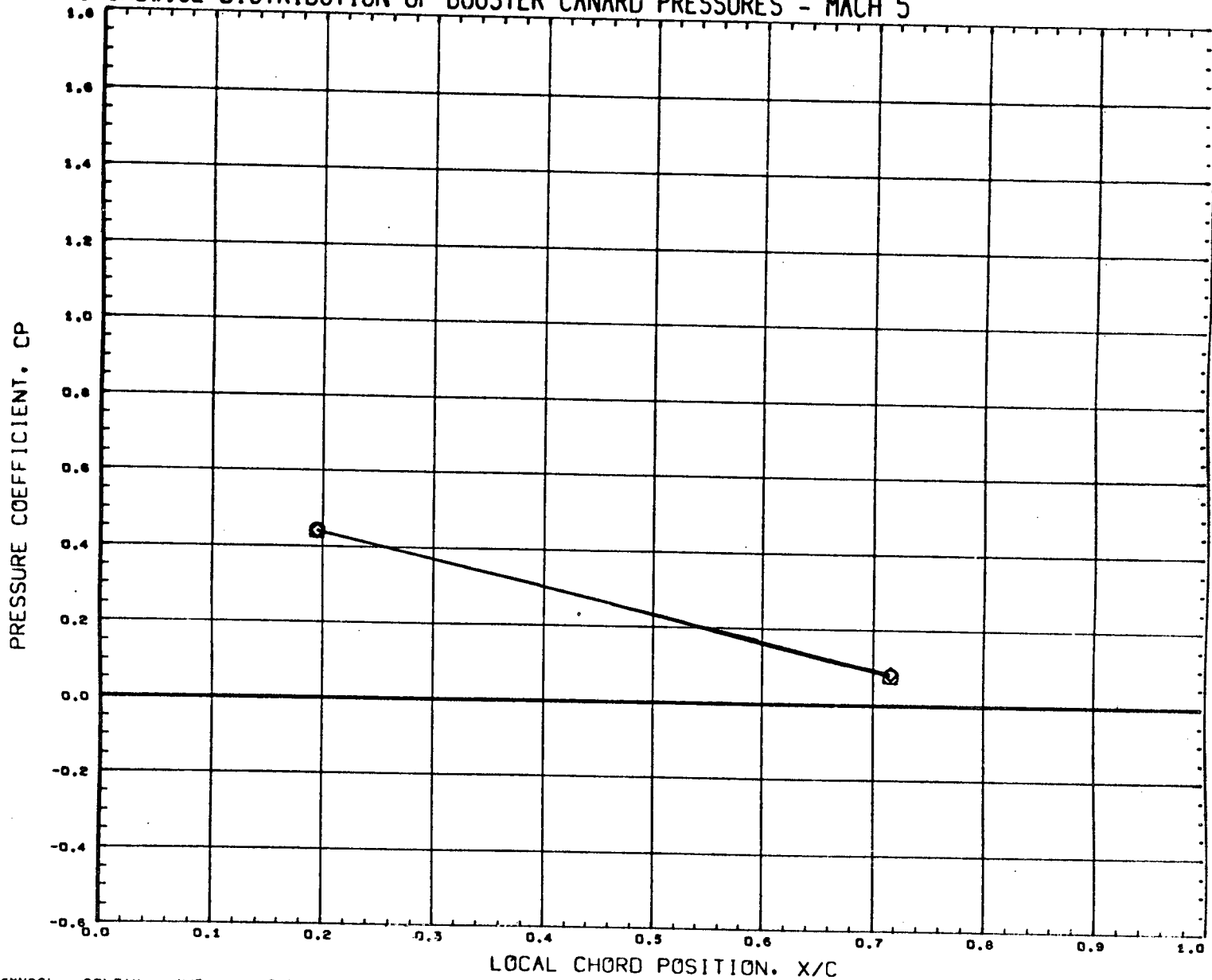
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8572•

PAGE 1533

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.144	0.879	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

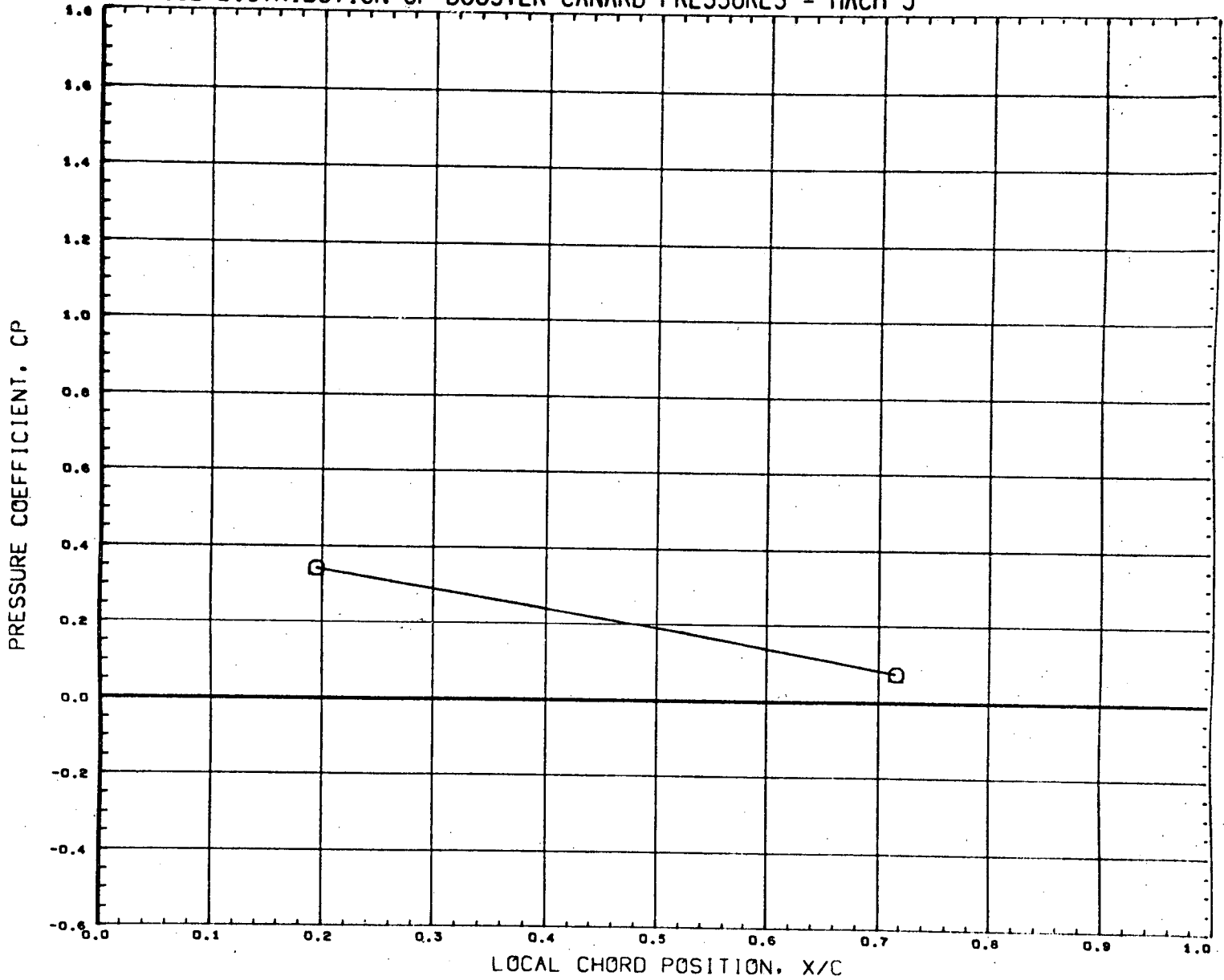
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8572•

PAGE 1534

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ 0.520 0.565 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.930
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

REFERENCE FILE

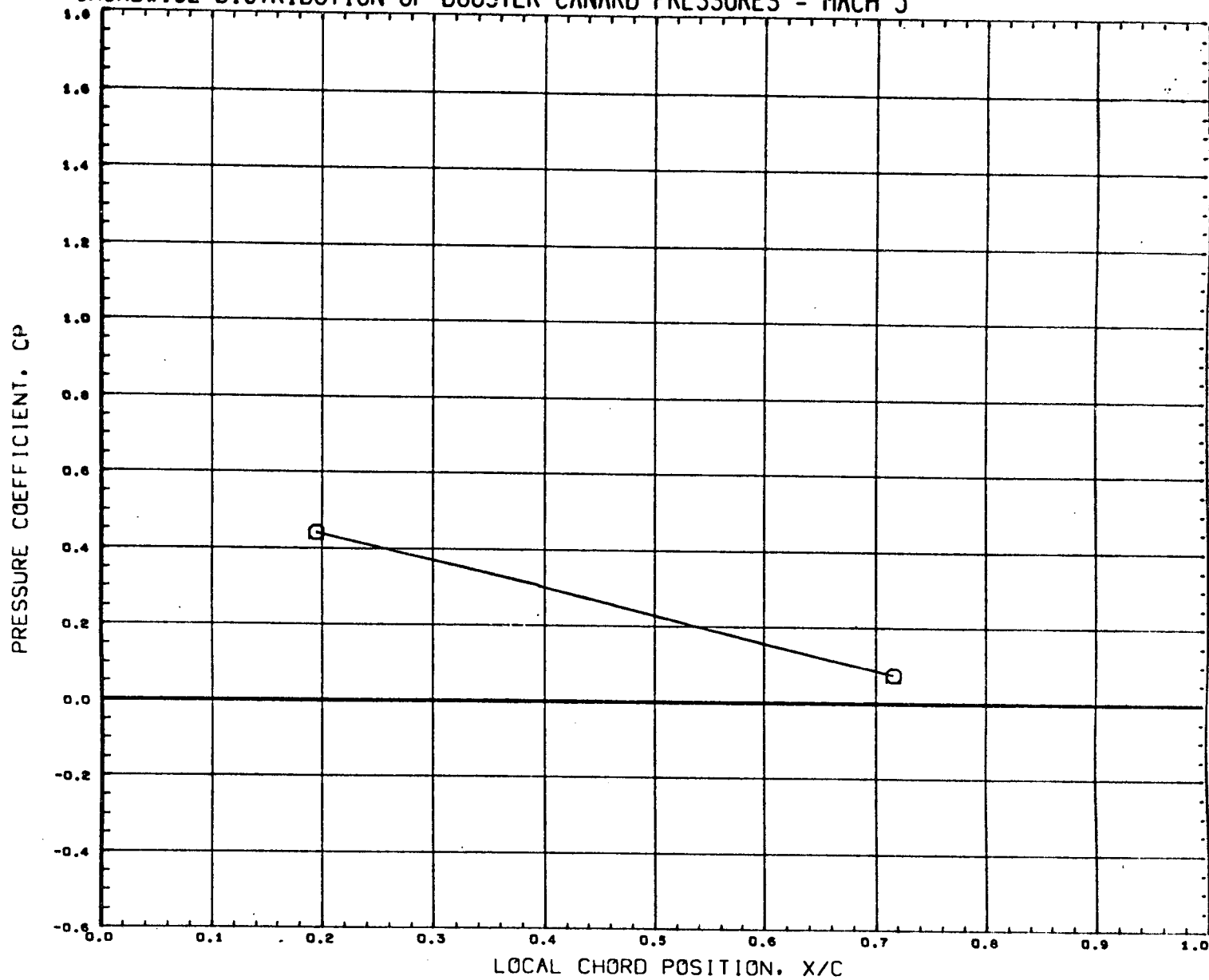
AECC VA1163 MDAC BOOSTER (CANARD)

•DT8572•

PAGE 1535

END

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.879 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.930
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

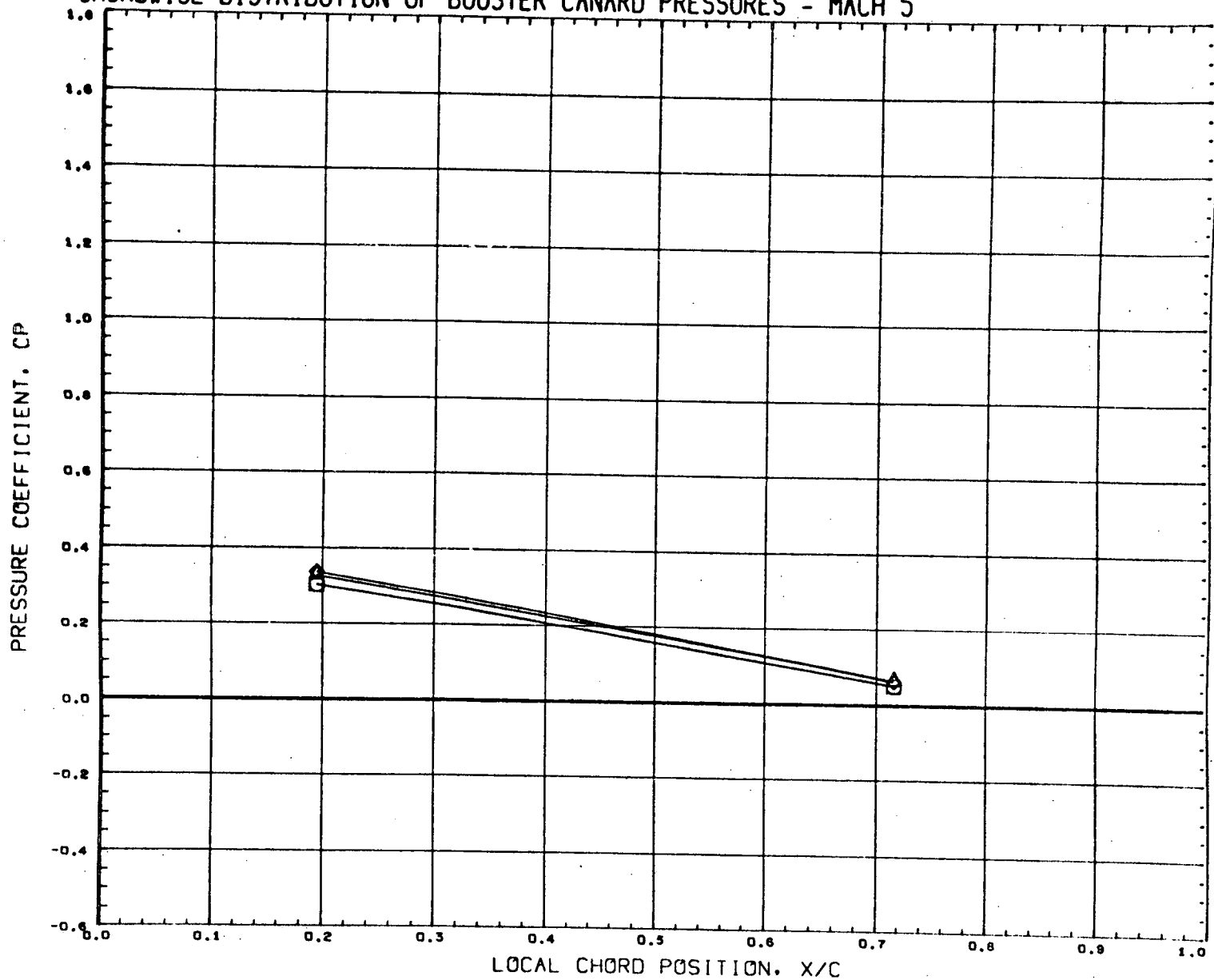
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8572•

PAGE 1536

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.001
MACH	4.970	ALPHA I	0.000
ORSPOW	0.000	BSTPOW	0.000

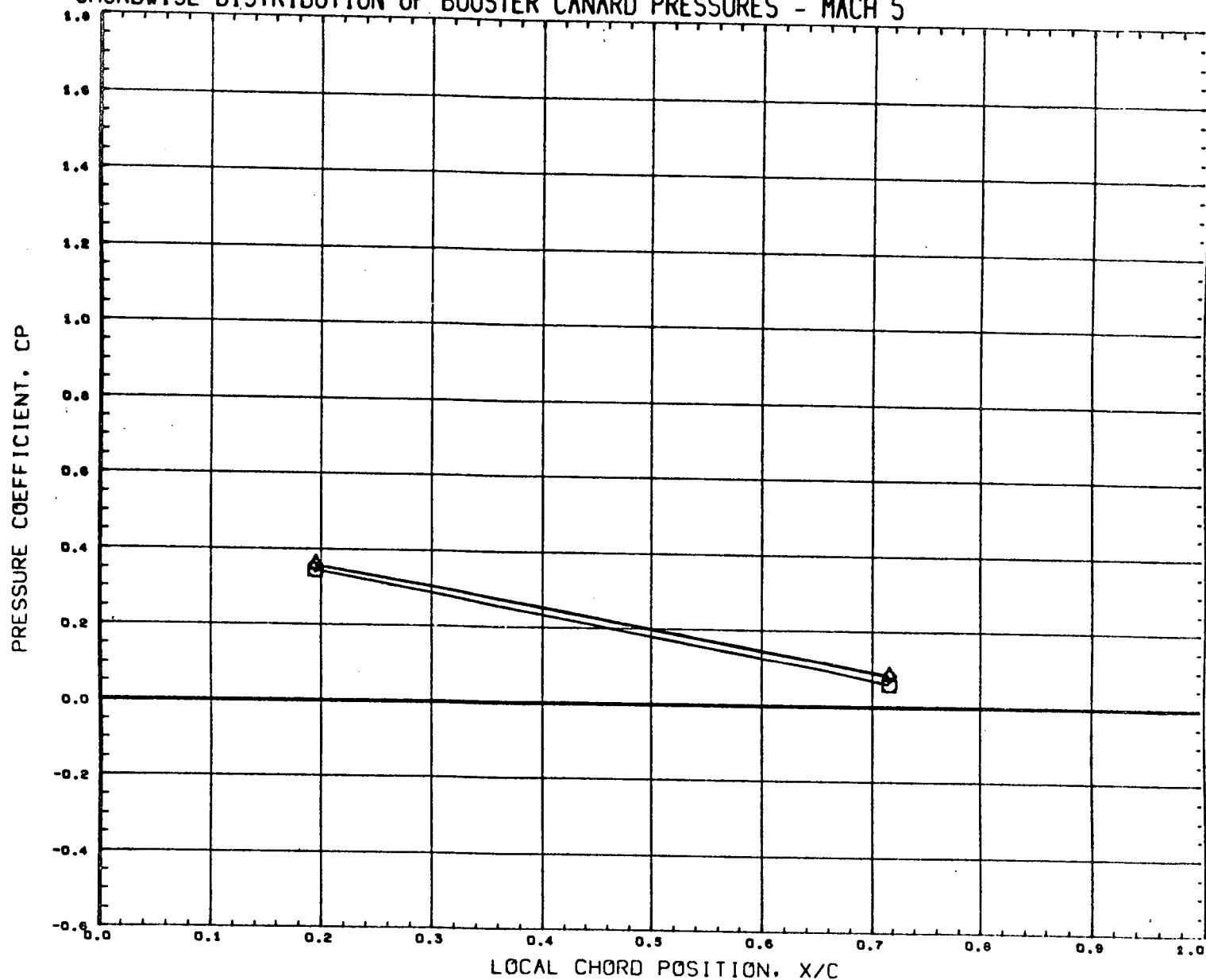
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8573•

PAGE 1537

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

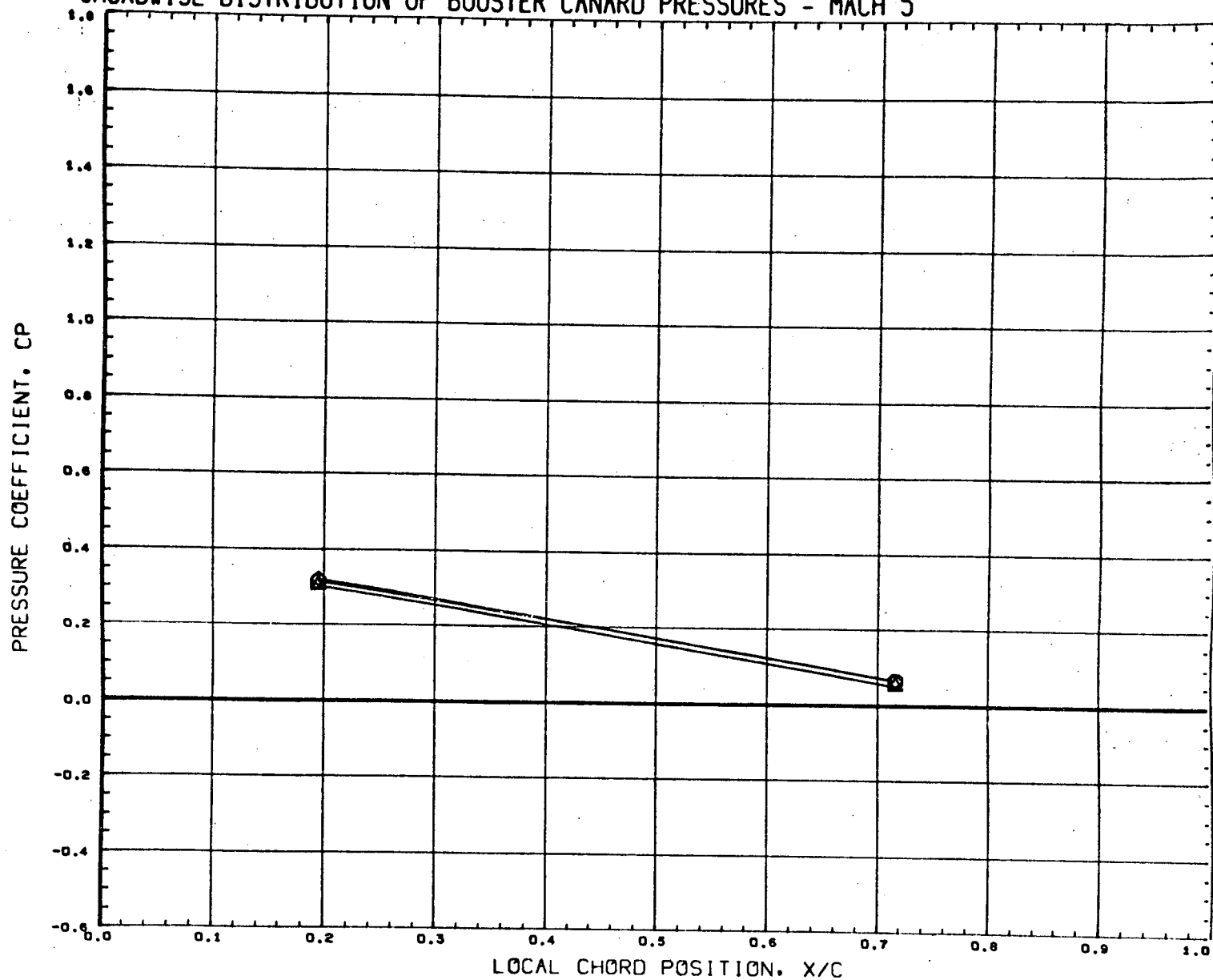
AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8573•

PAGE 1538

Bound

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

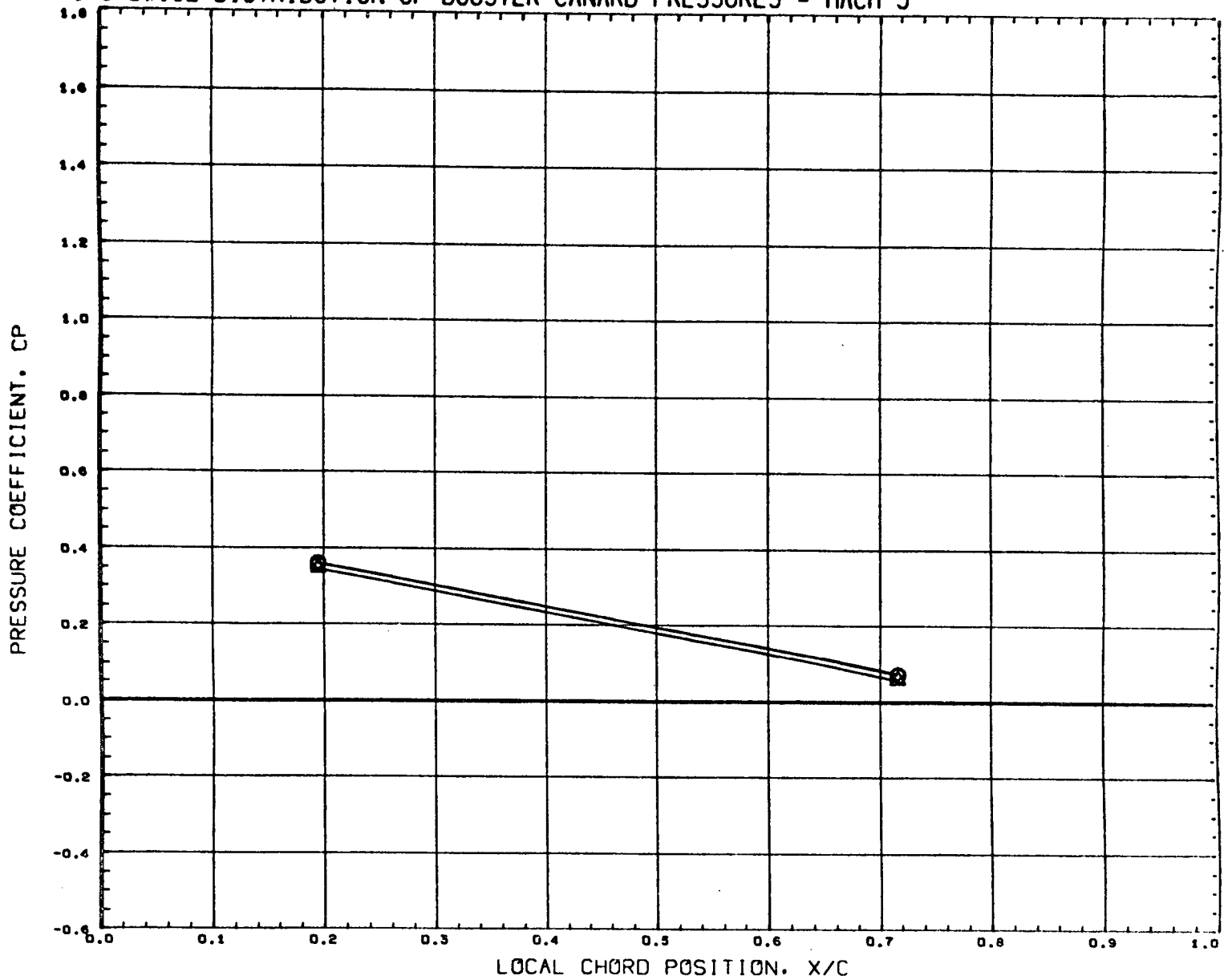
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8573•

PAGE 1539

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.001
MACH	4.970	ALPHA I	0.000
ORSPOW	0.000	BSTPOW	0.000

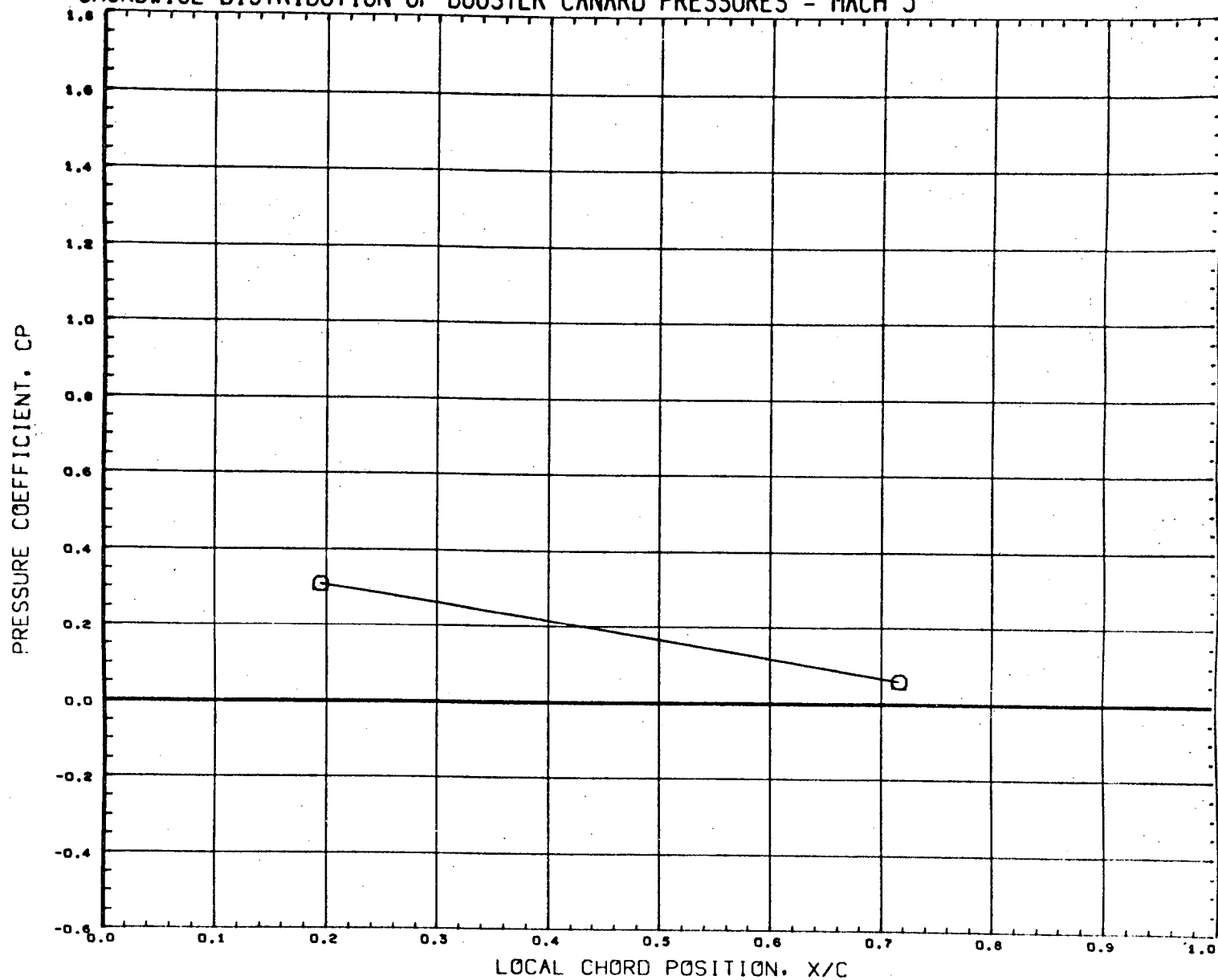
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8573•

PAGE 1540

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 Y/B 0.565 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.001
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

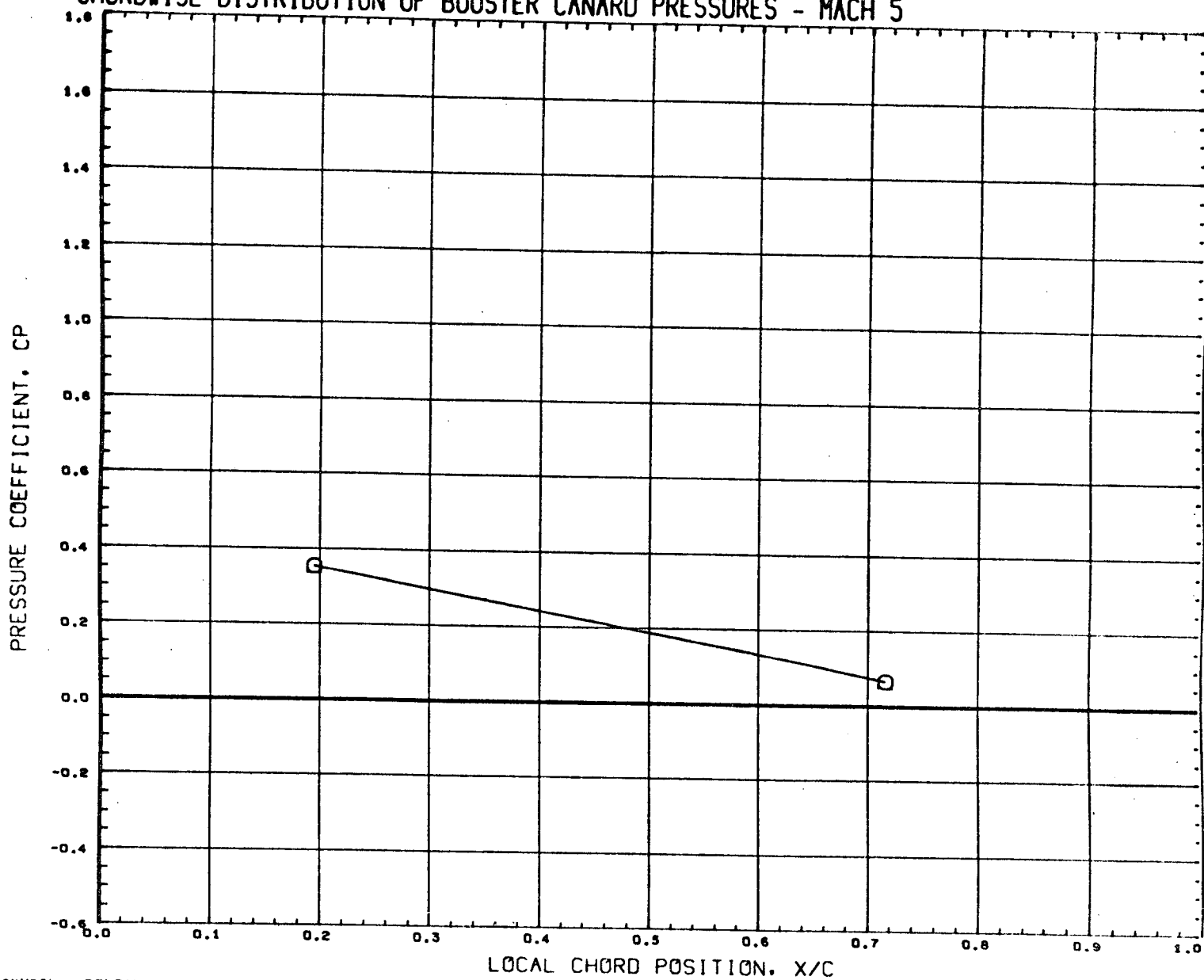
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8573•

PAGE 1541

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.320	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

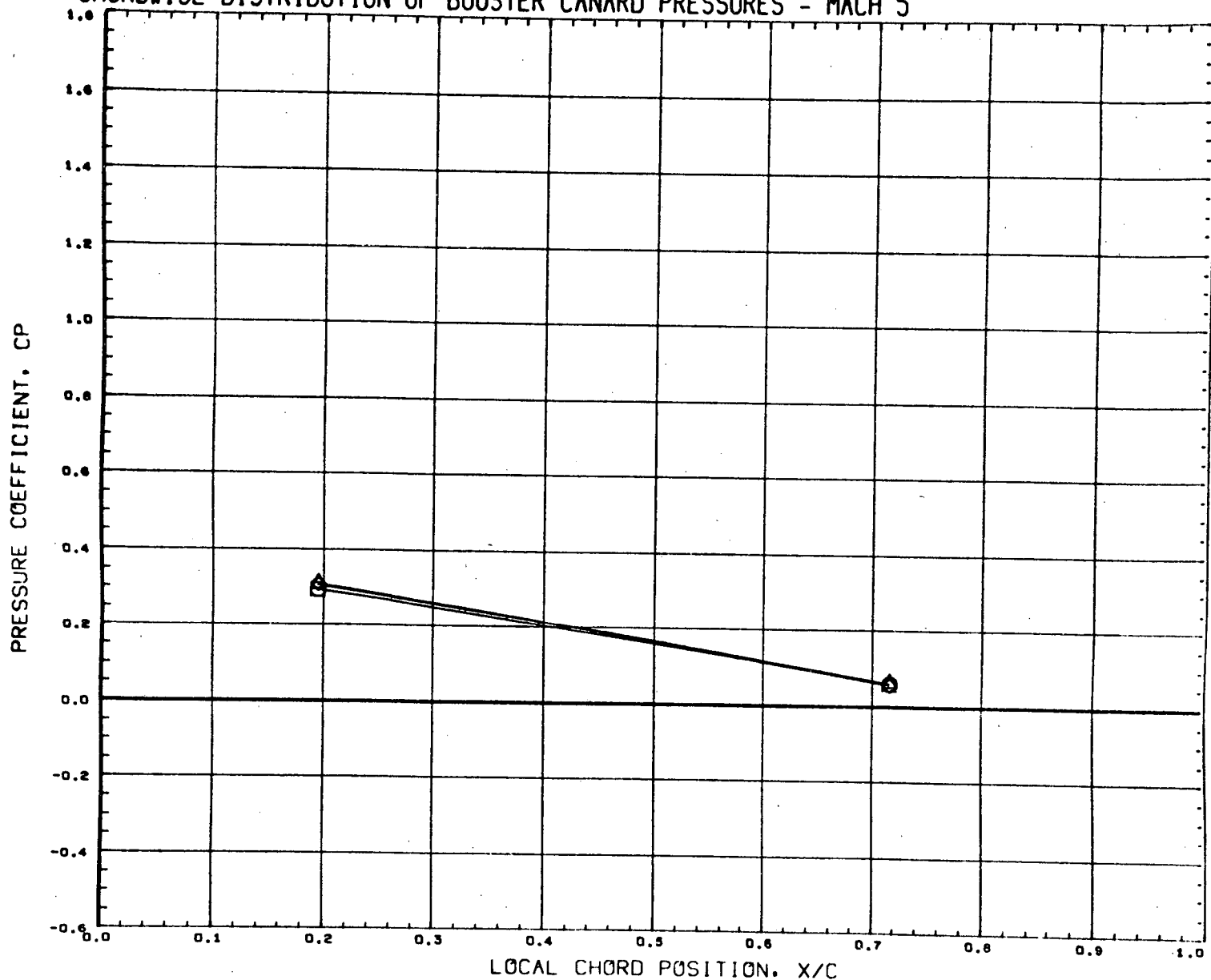
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8573•

PAGE 1542

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

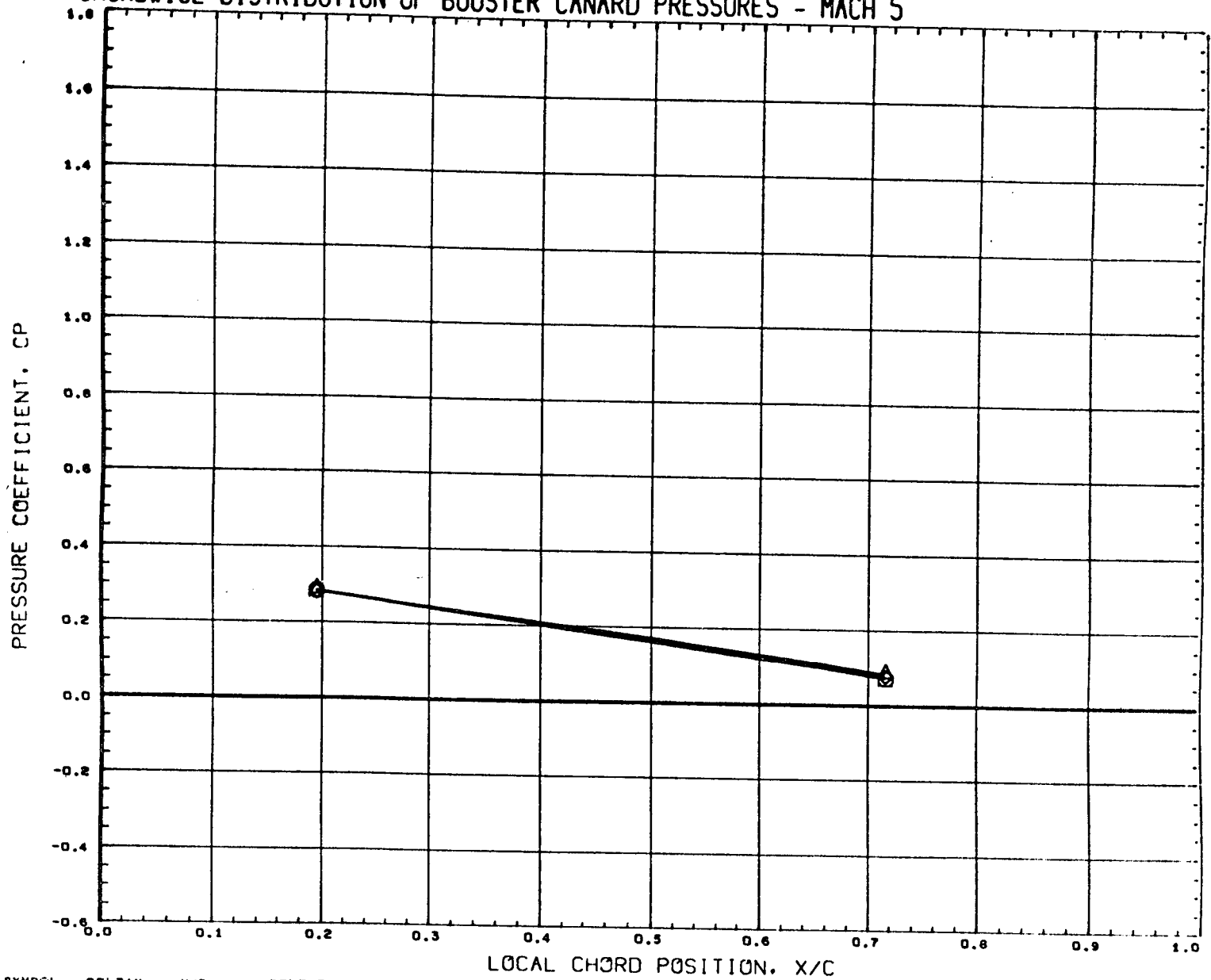
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8574•

PAGE 1543

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

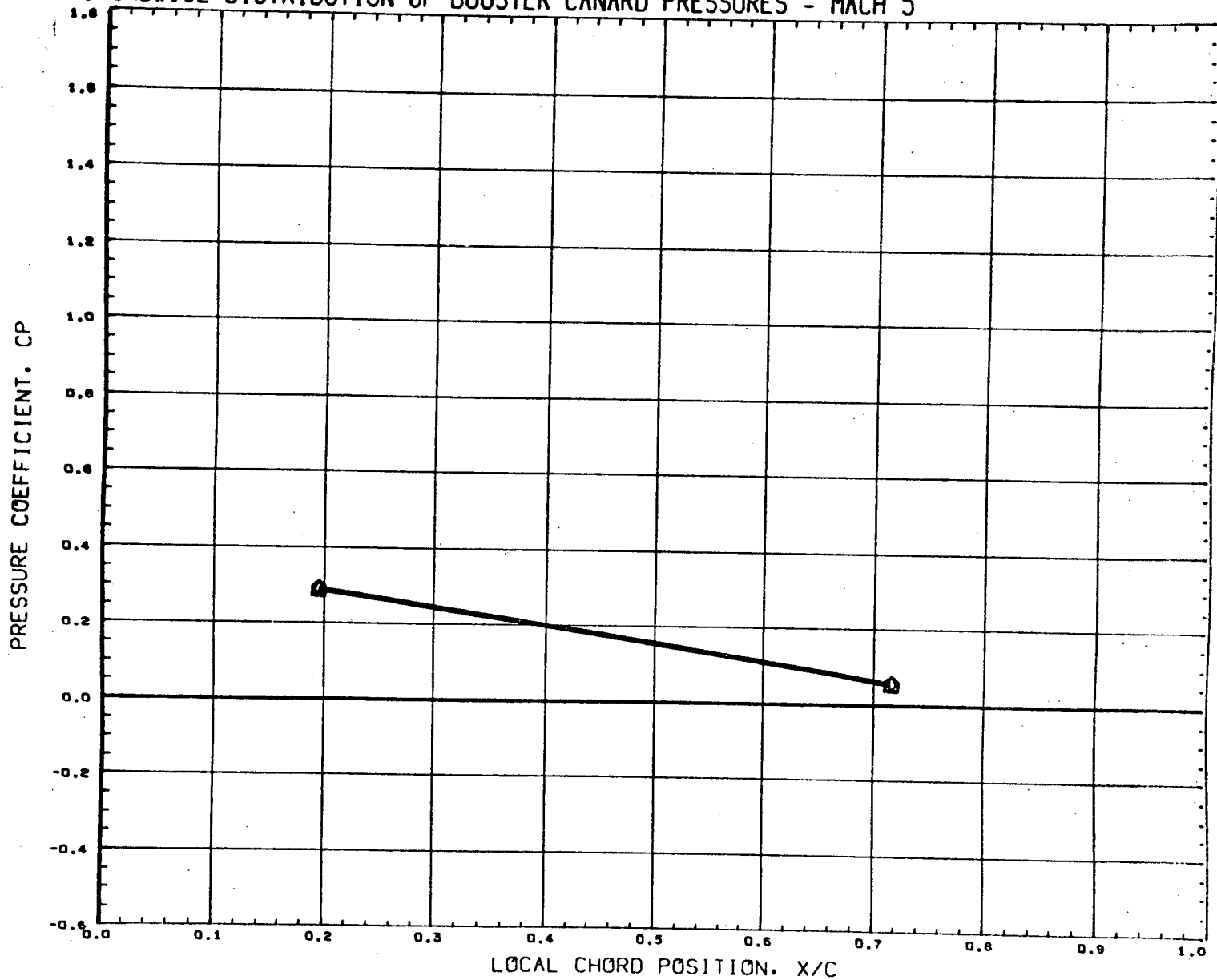
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8574•

PAGE 1544

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

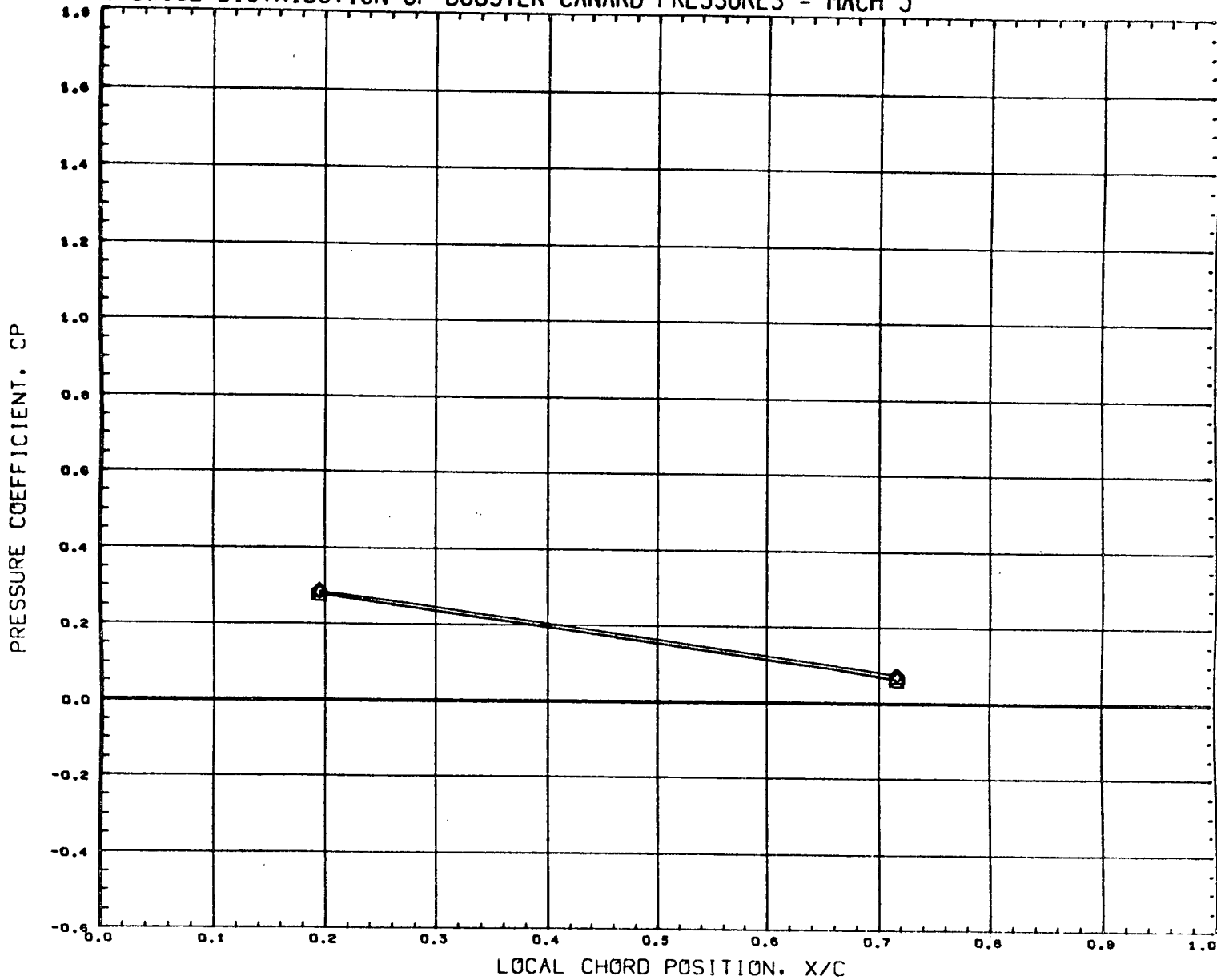
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8574•

PAGE 1545

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAY
○	0.144	0.879	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

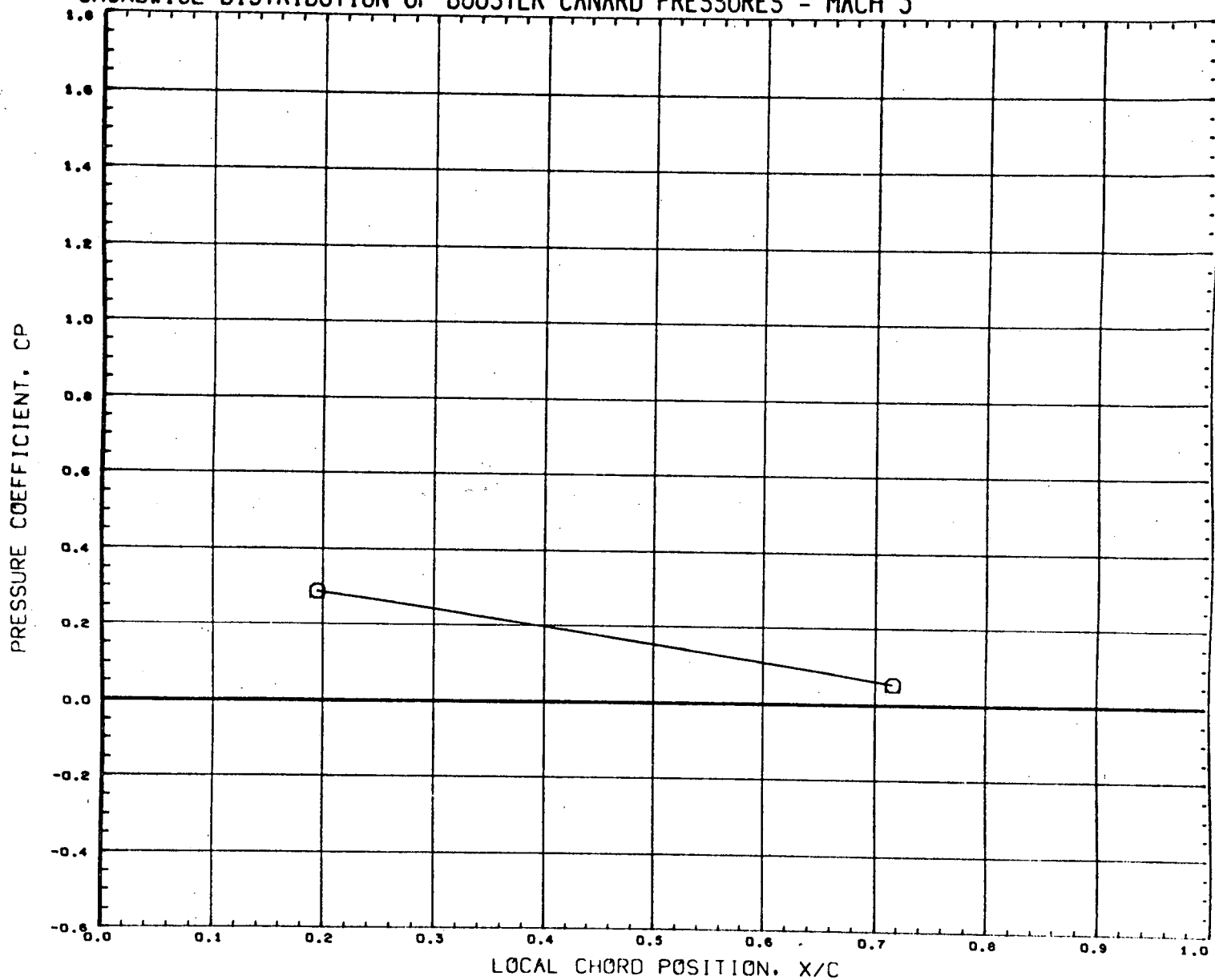
AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8574•

PAGE 1546

C.9.

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

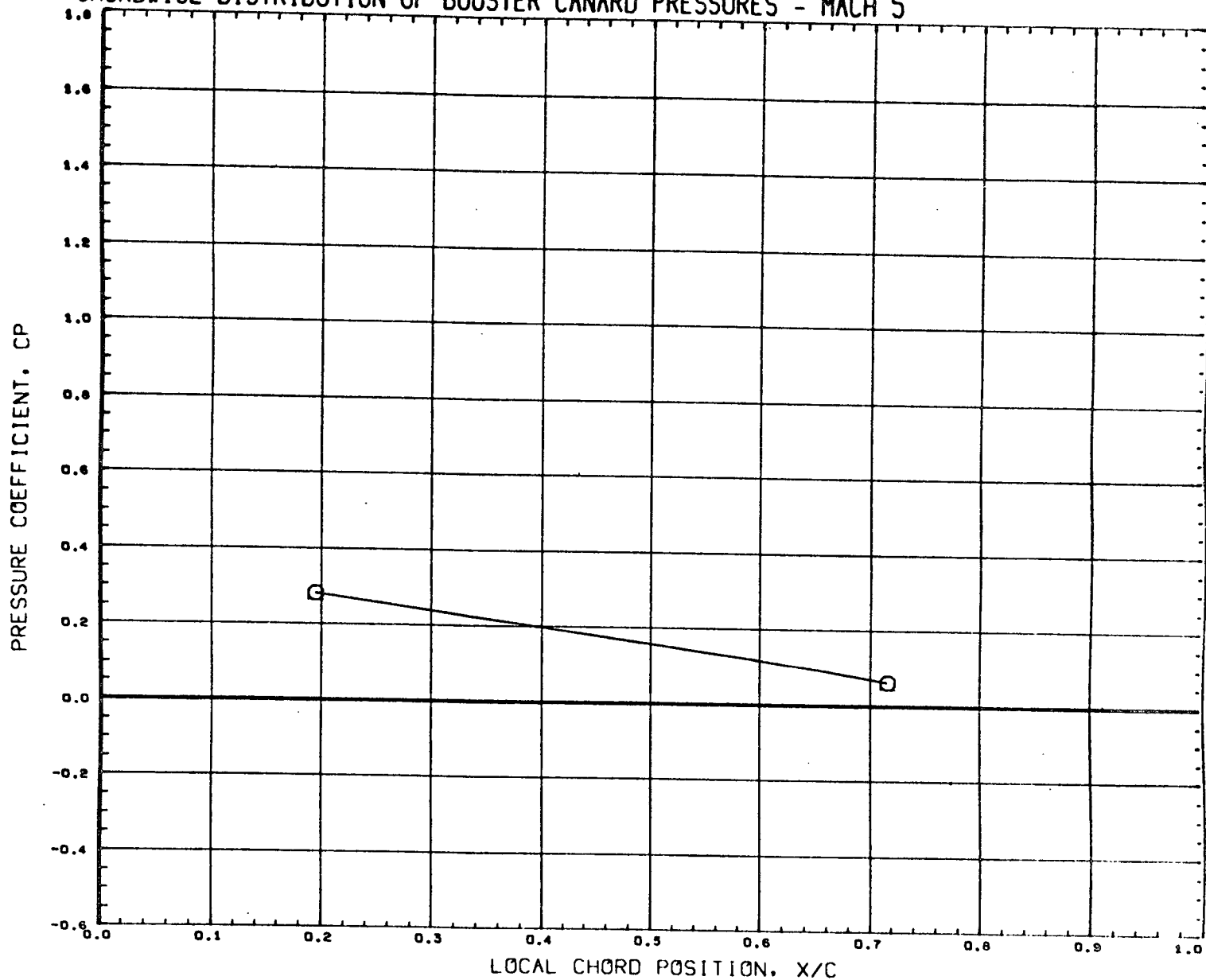
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8574•

PAGE 1547

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

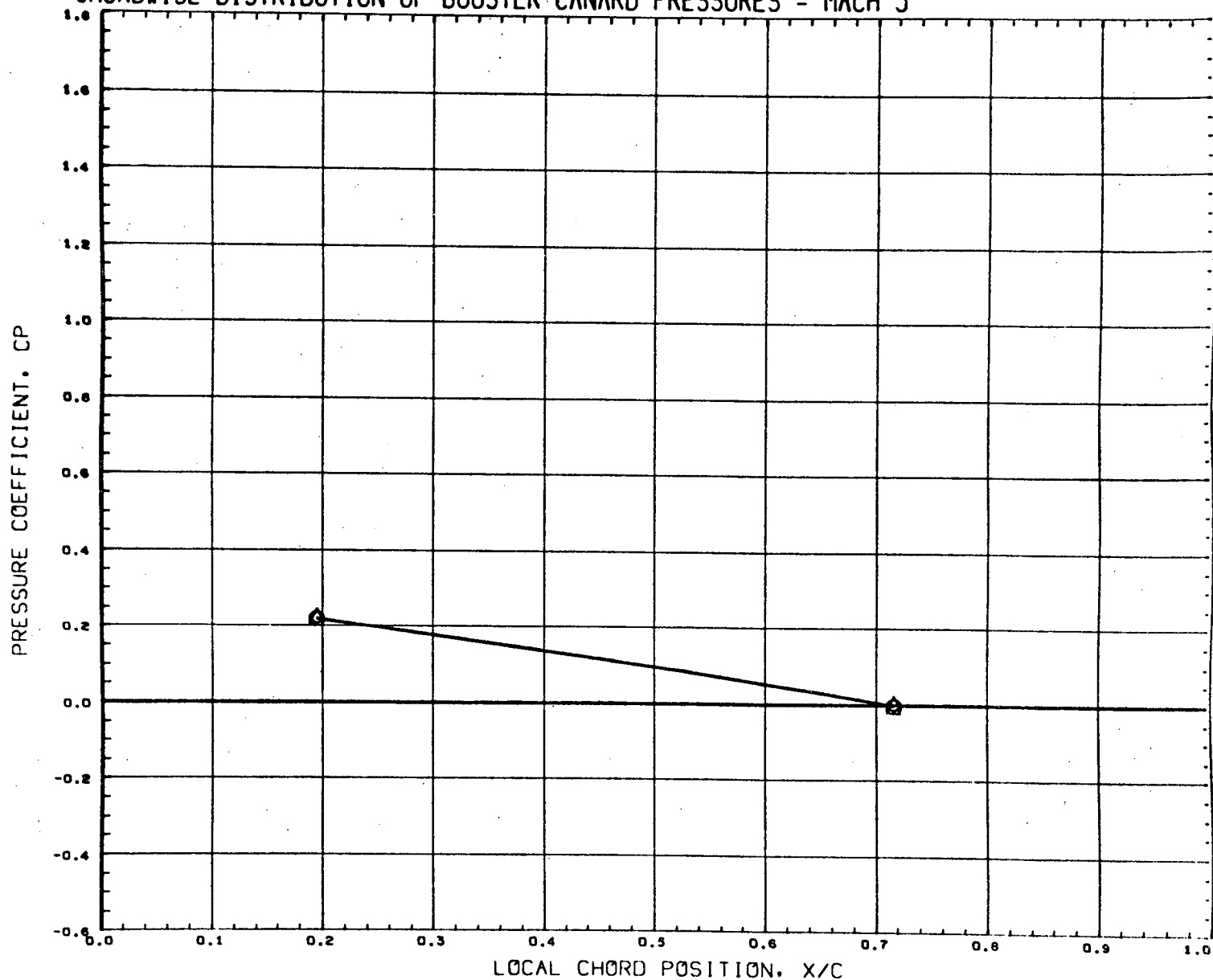
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8574•

PAGE 1548

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

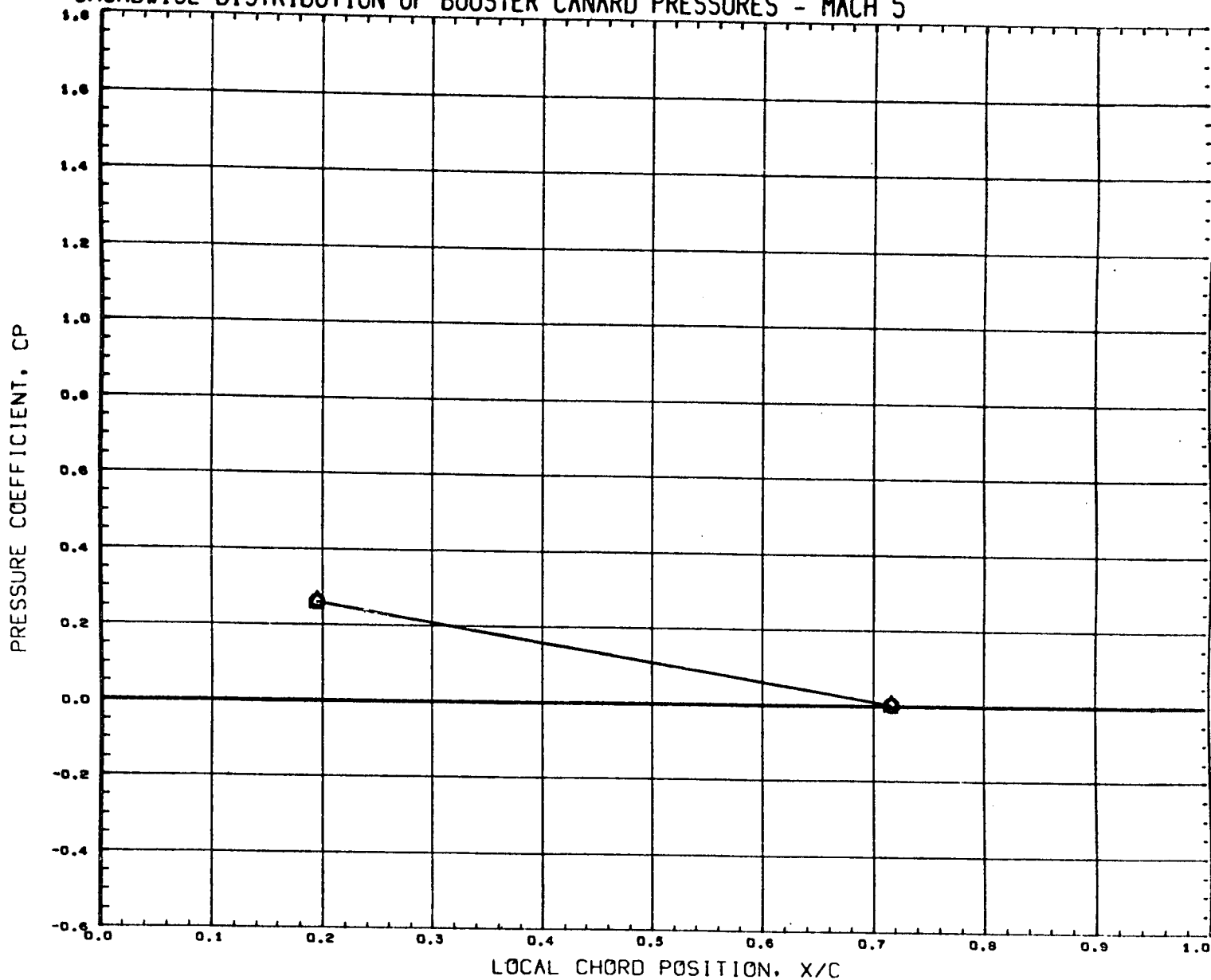
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

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CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

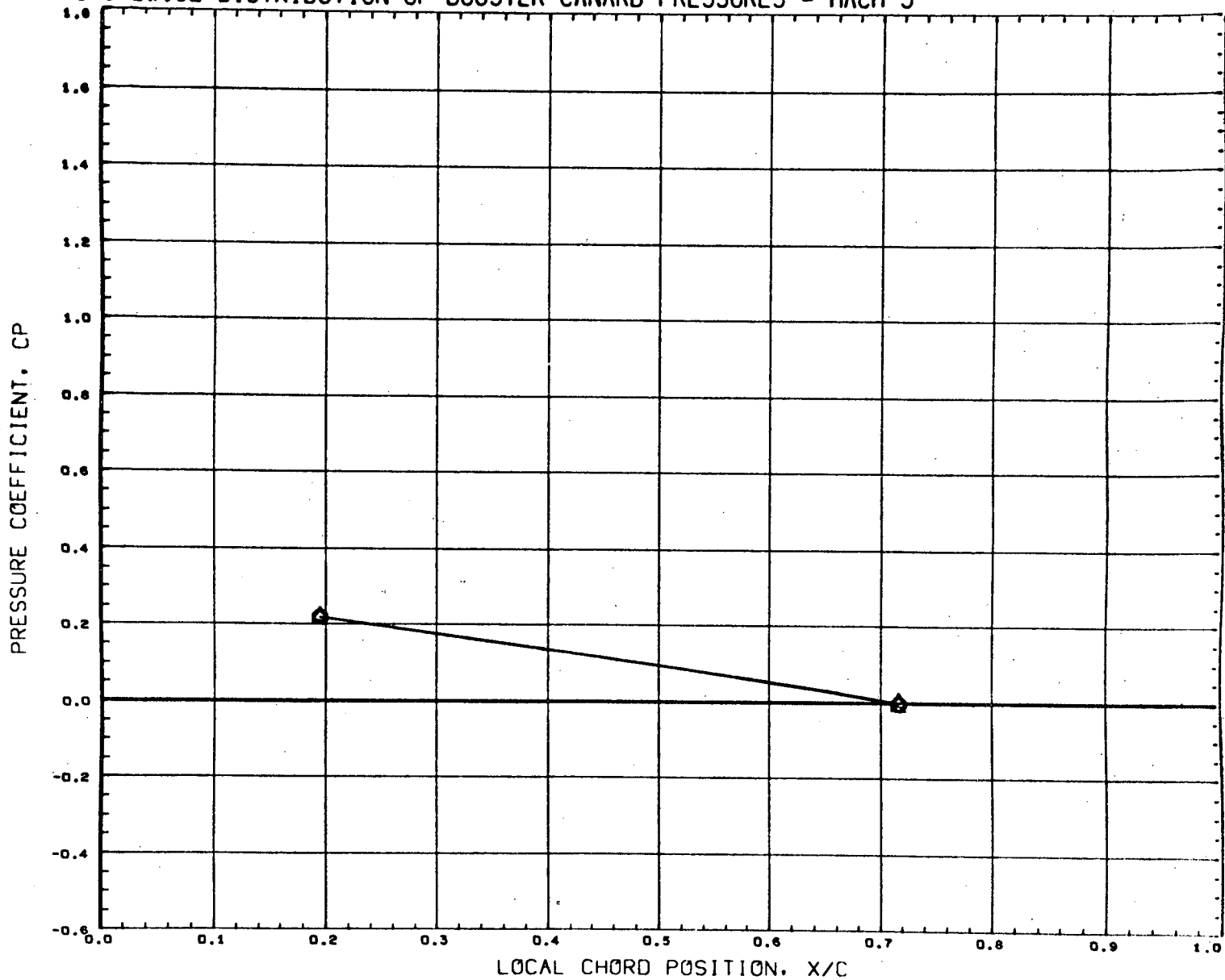
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

PAGE 1550

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	0.000
MACH	5.040	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

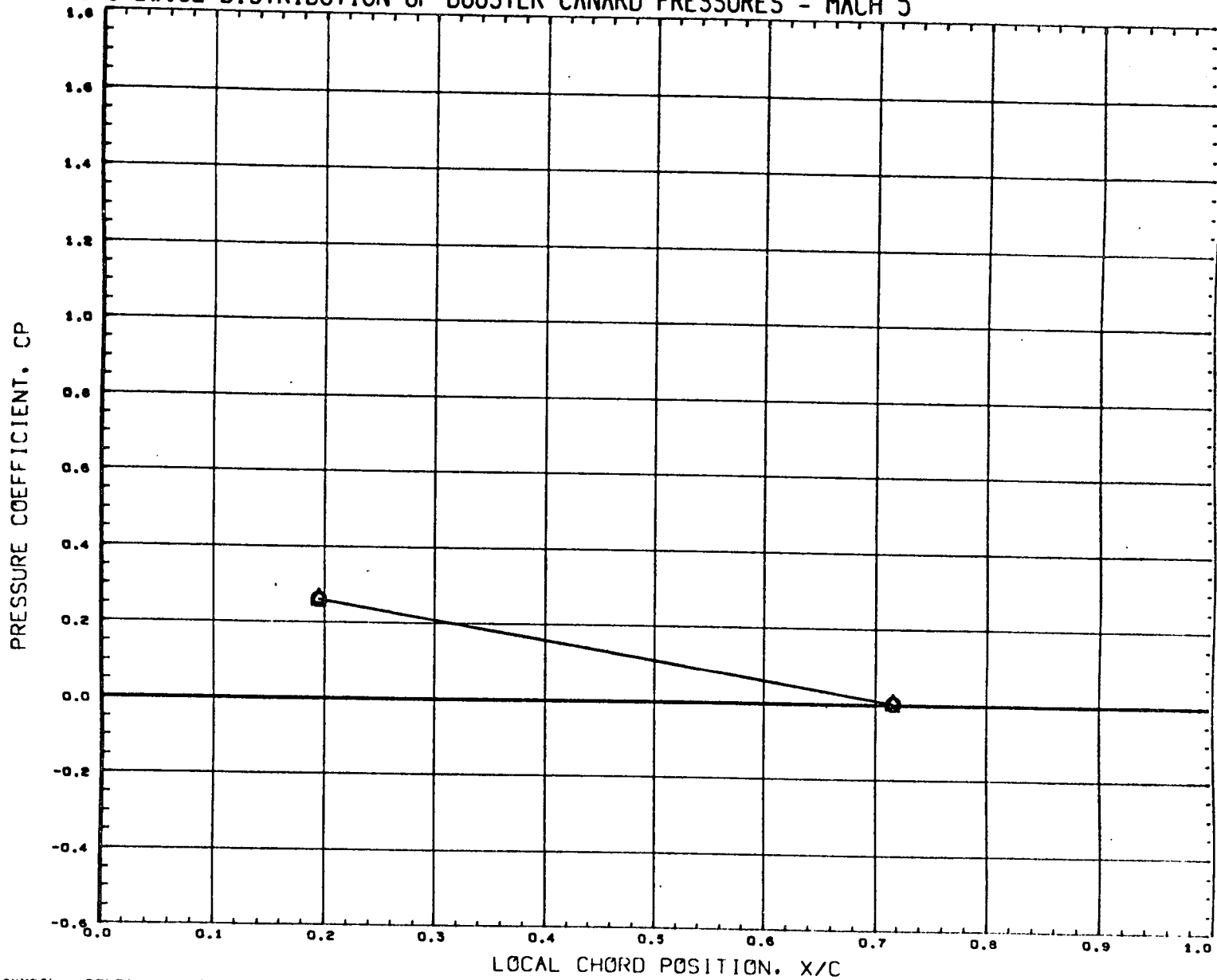
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

PAGE 1551

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.144	0.879	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

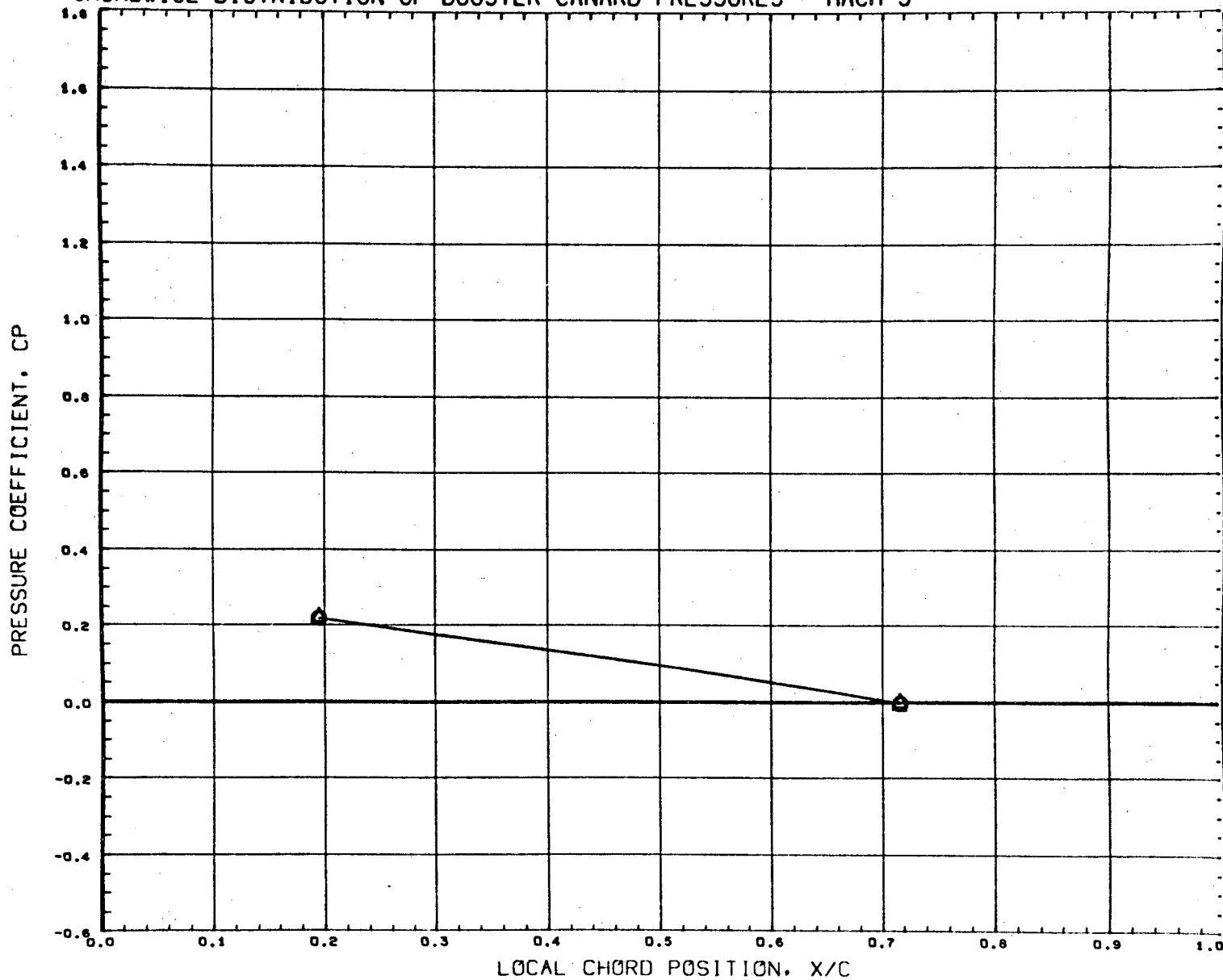
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

PAGE 1552

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.565	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

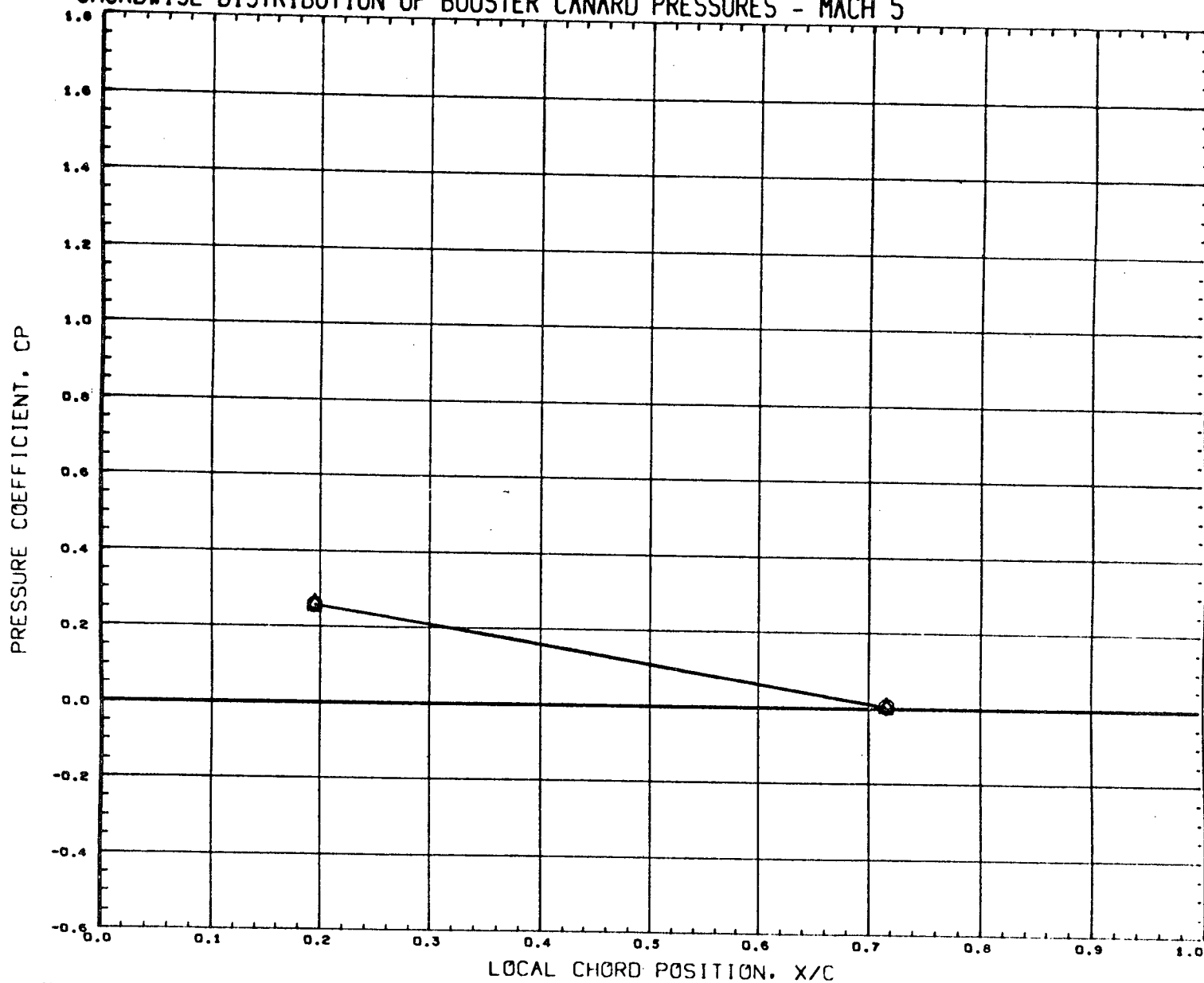
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

PAGE 1553

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.144	0.879	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

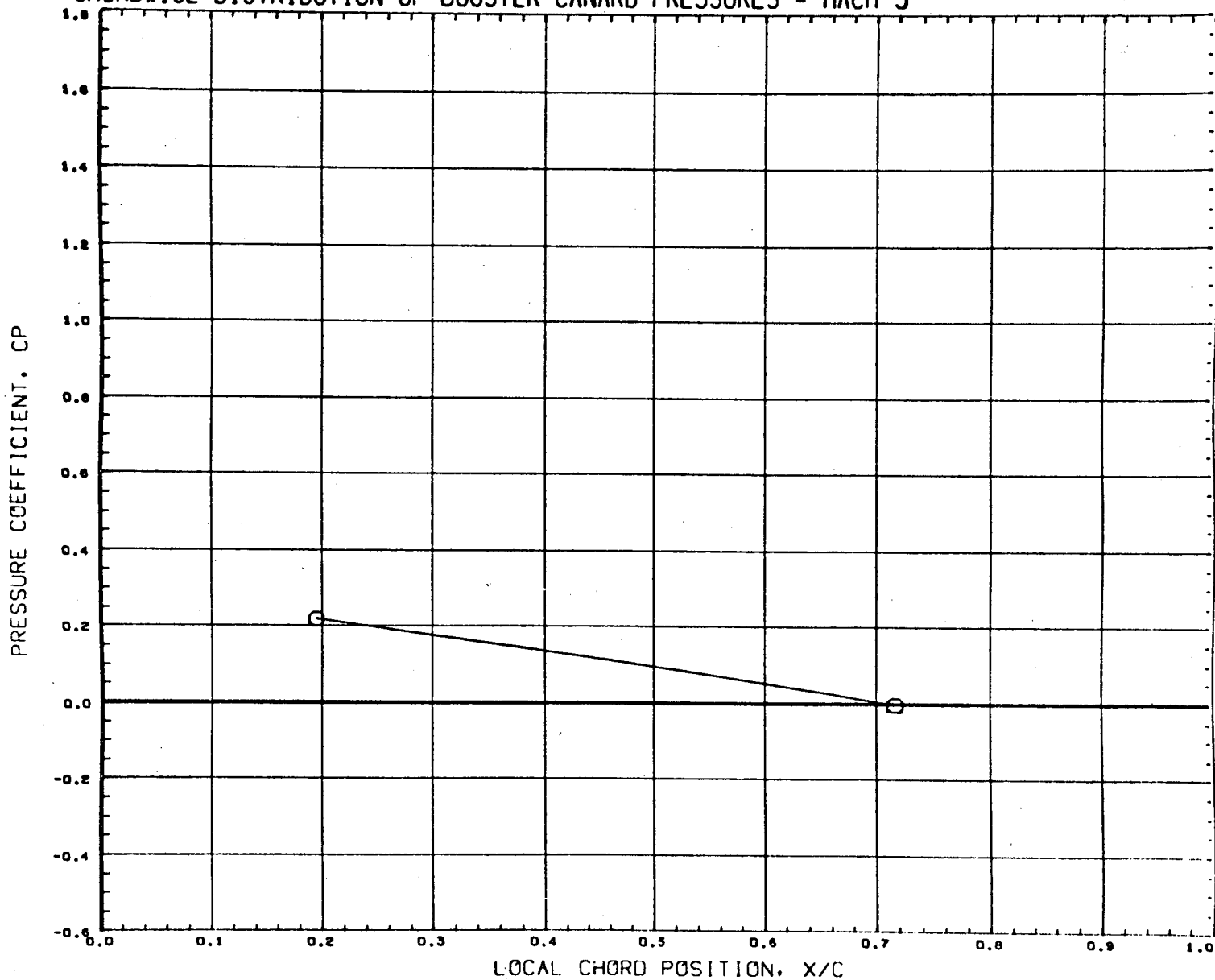
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

PAGE 1554

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.520	0.565	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

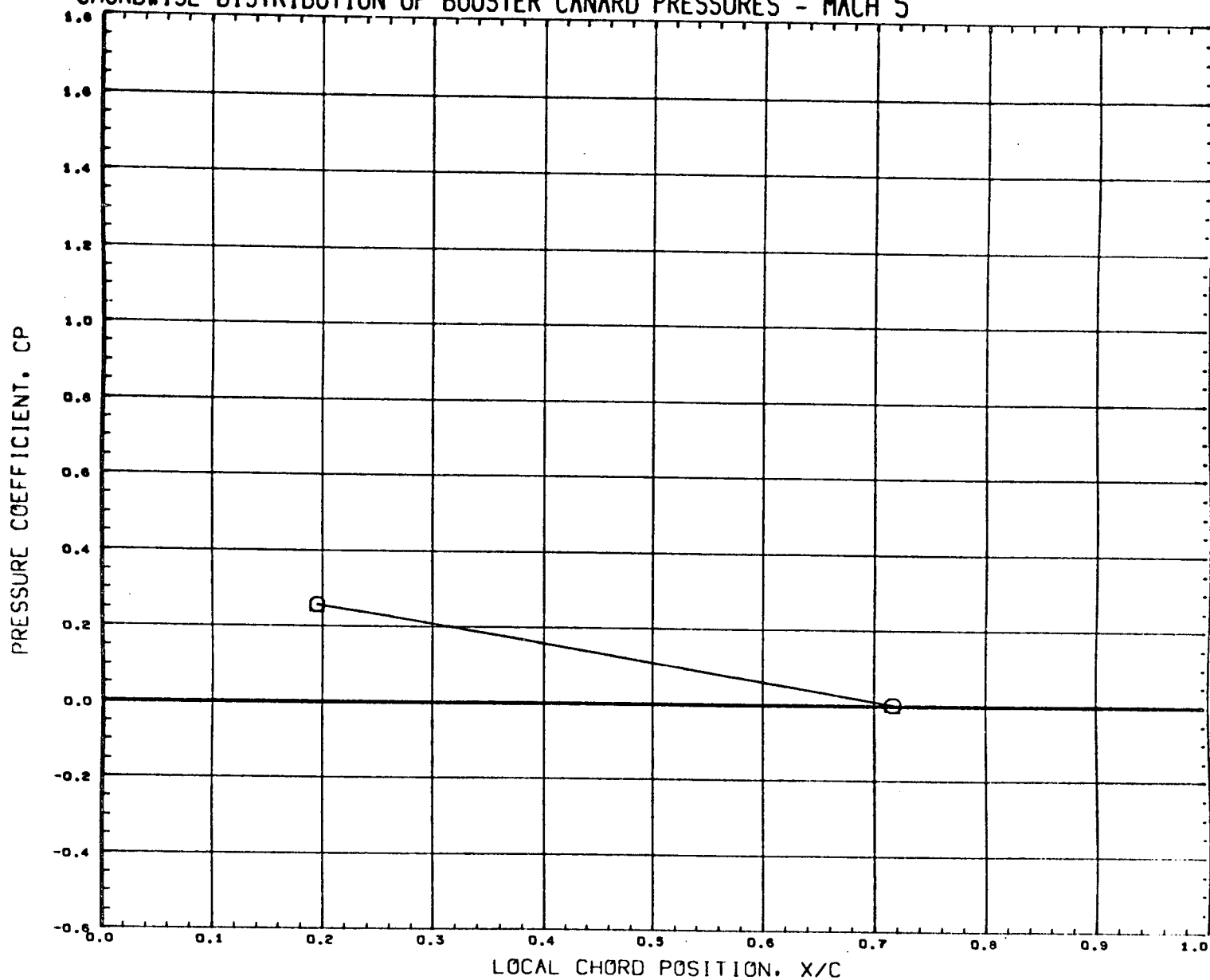
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

PAGE 1555

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.320	0.879	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

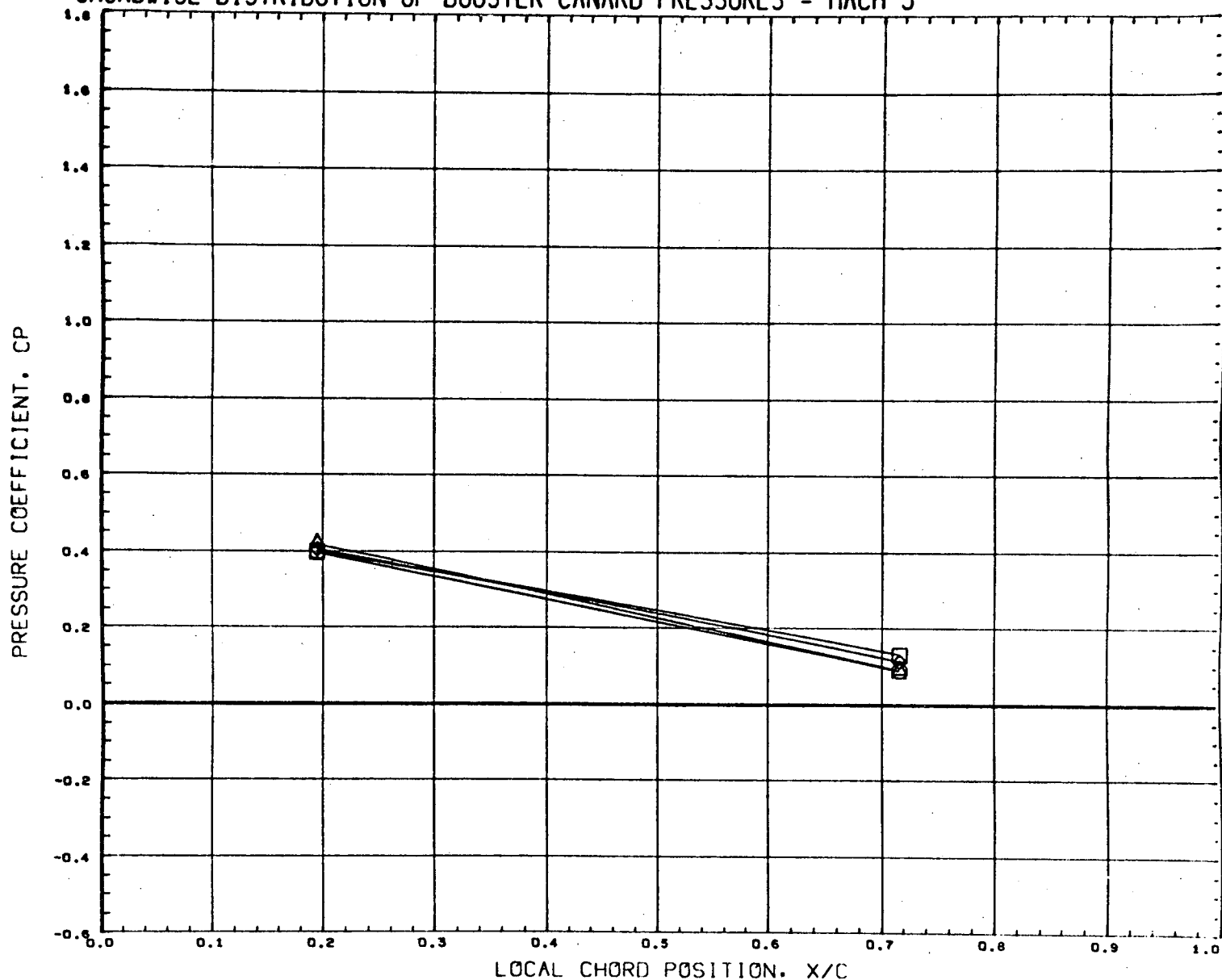
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8583•

PAGE 1556

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/D	DELTA Z
○	- 0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.982
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

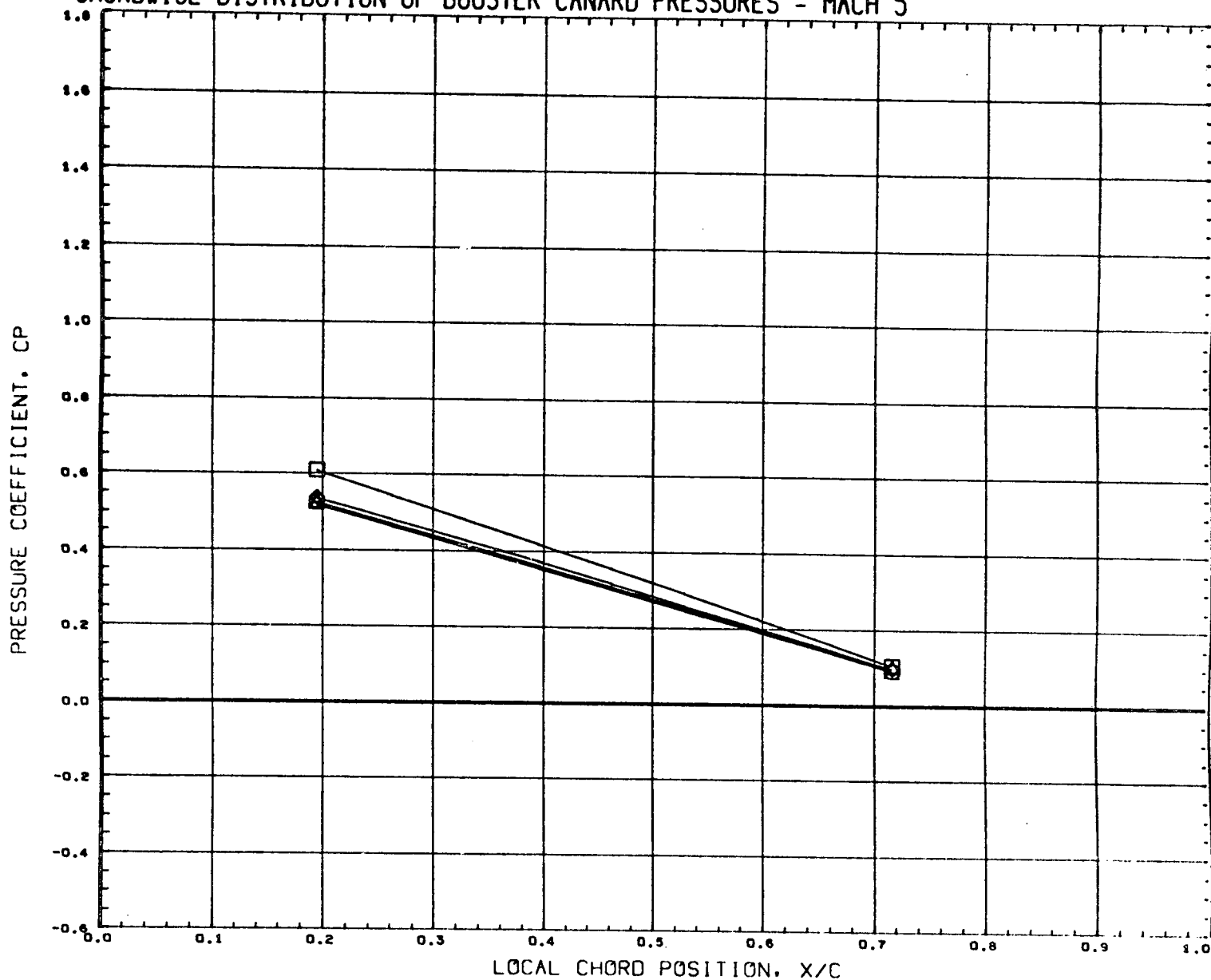
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8591•

PAGE 1557

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.982
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

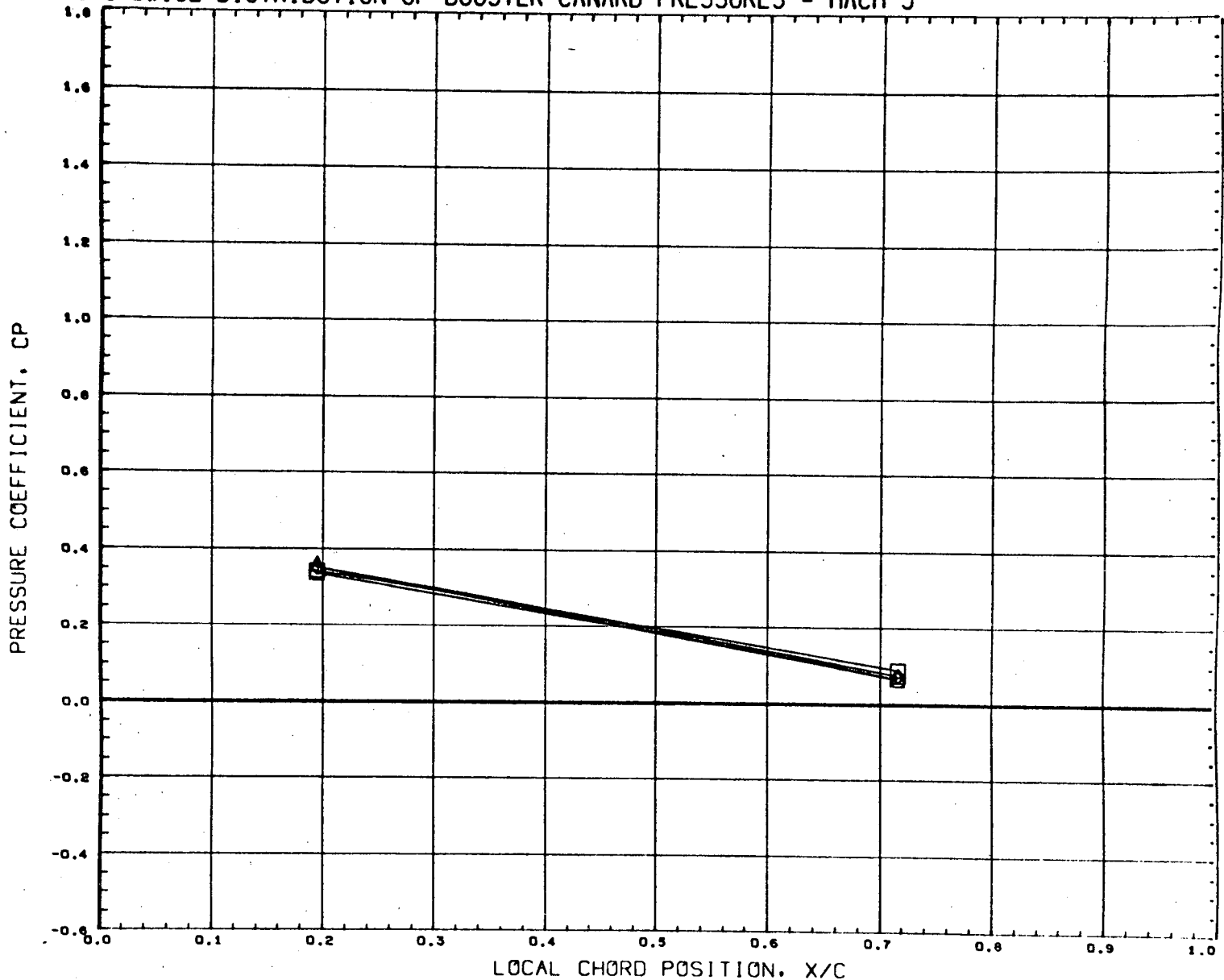
AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8591•

PAGE 1558

C.9.

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.563	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.937
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

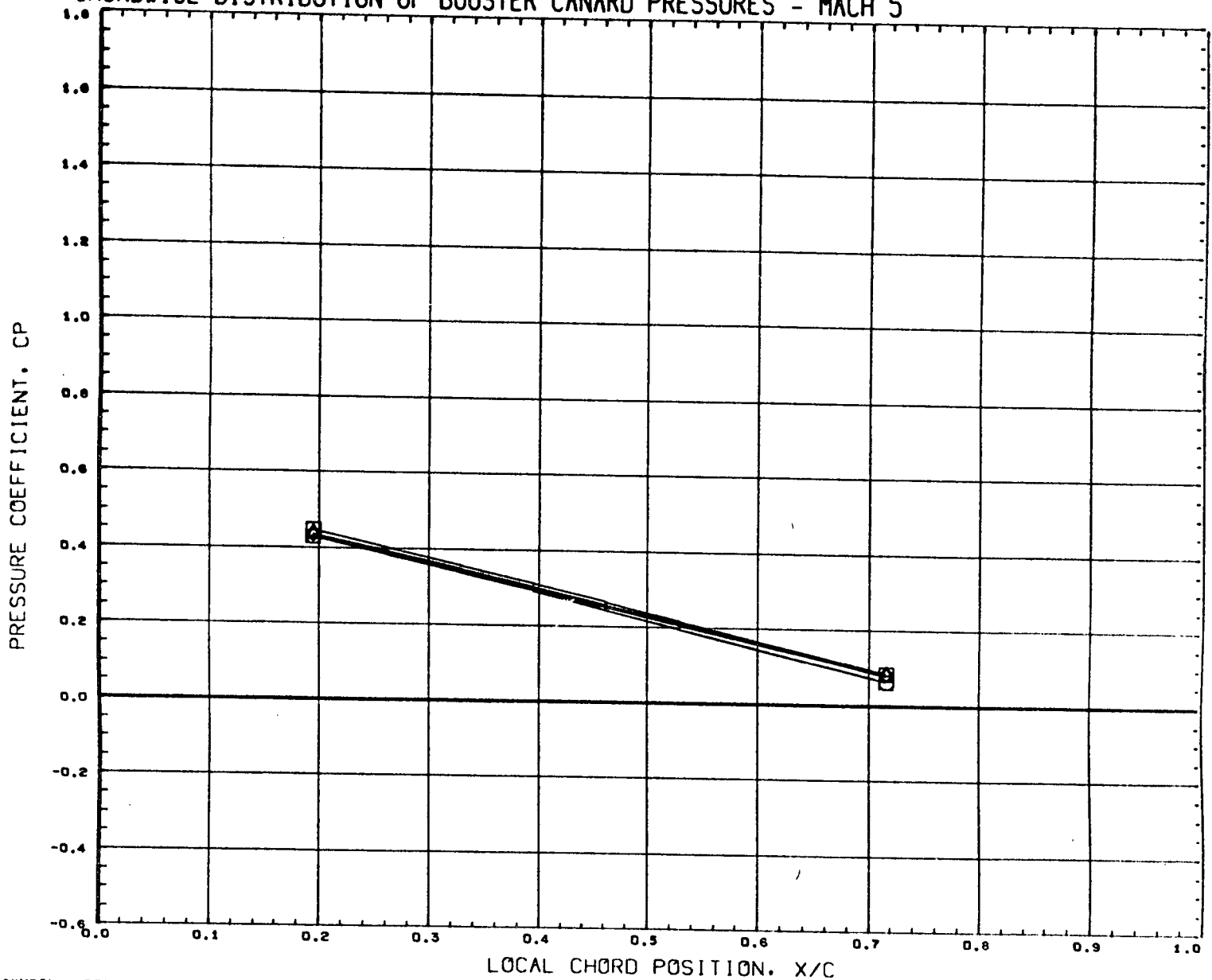
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8592•

PAGE 1559

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.957
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

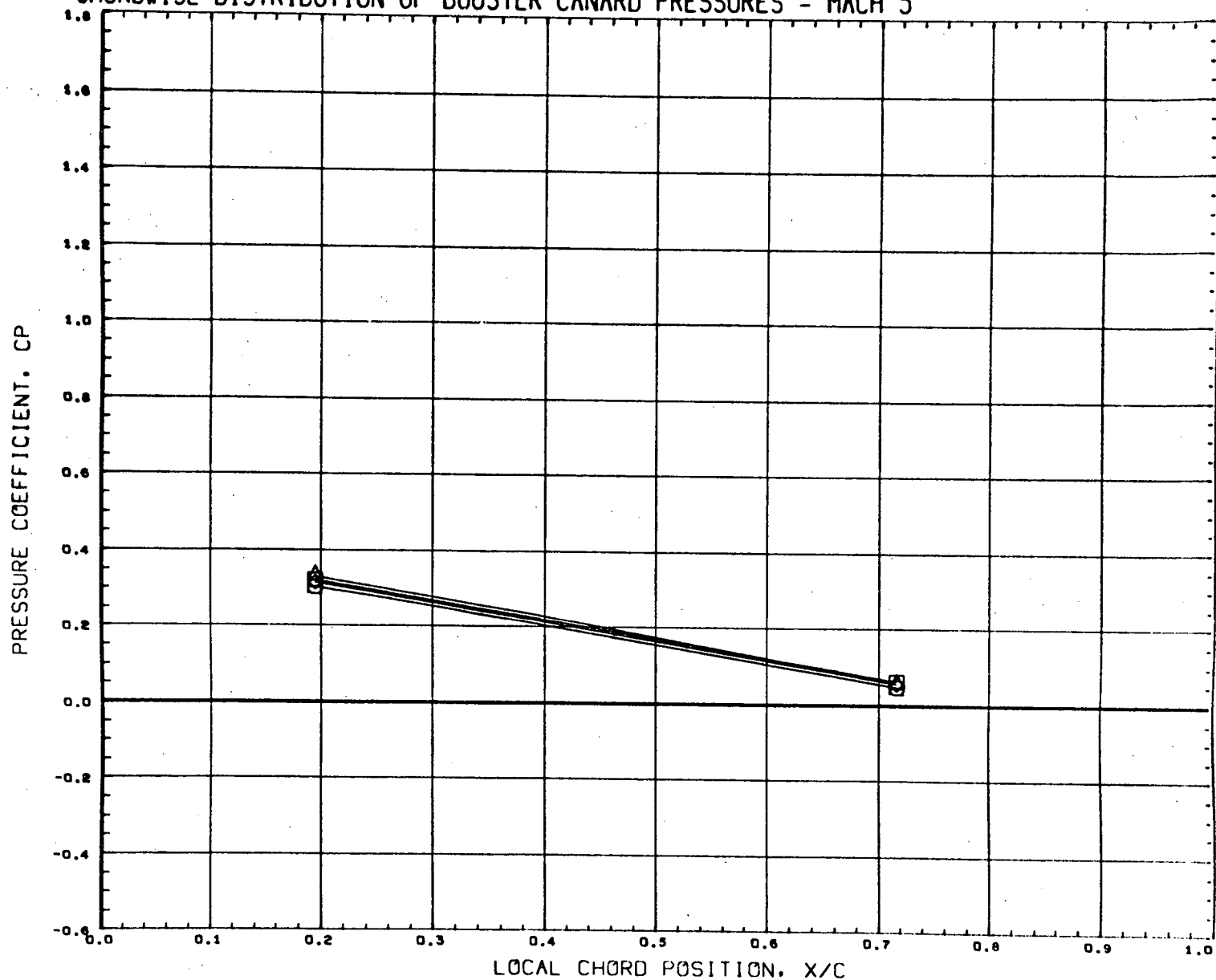
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8592•

PAGE 1560

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.965	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

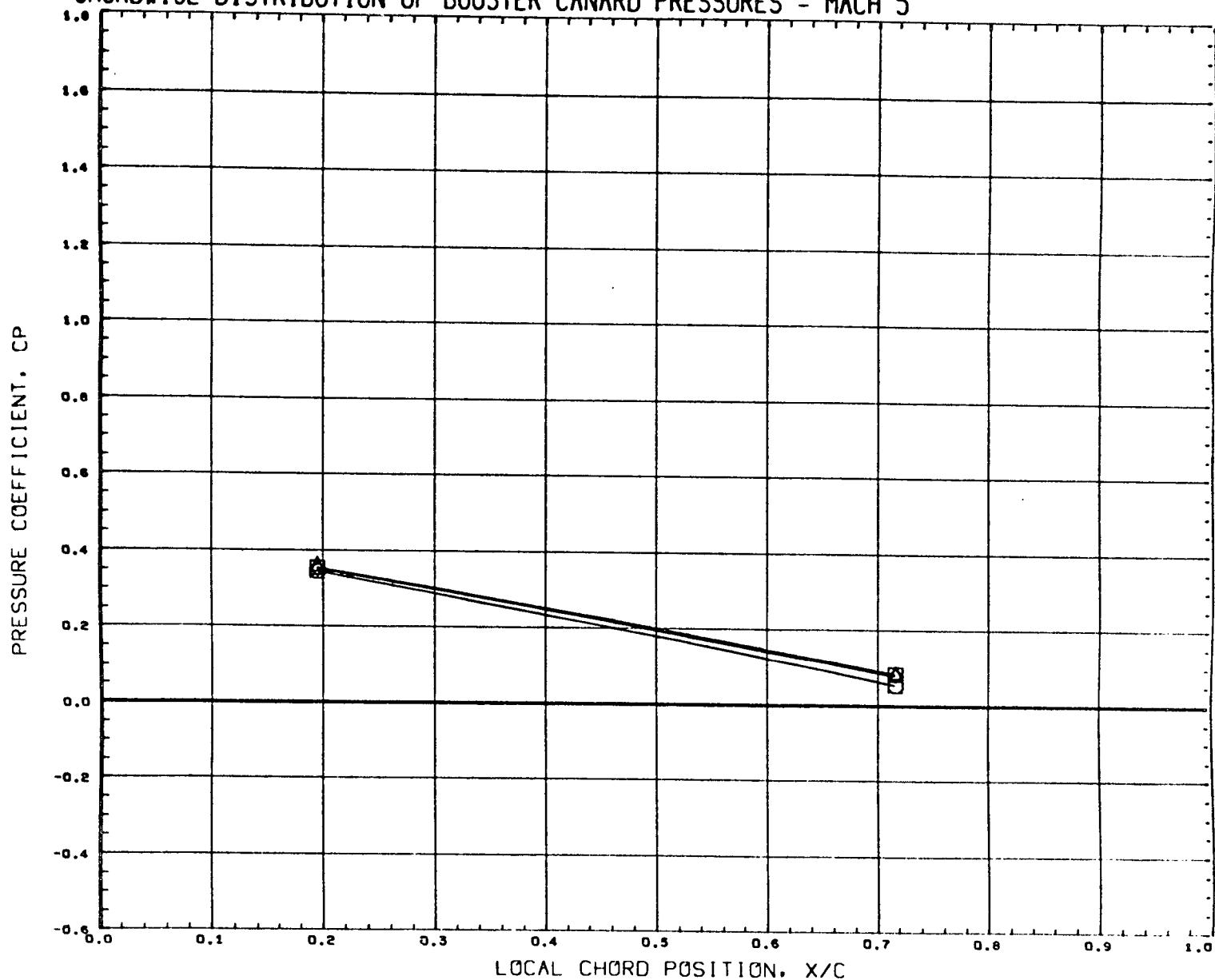
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8593•

PAGE 1561

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

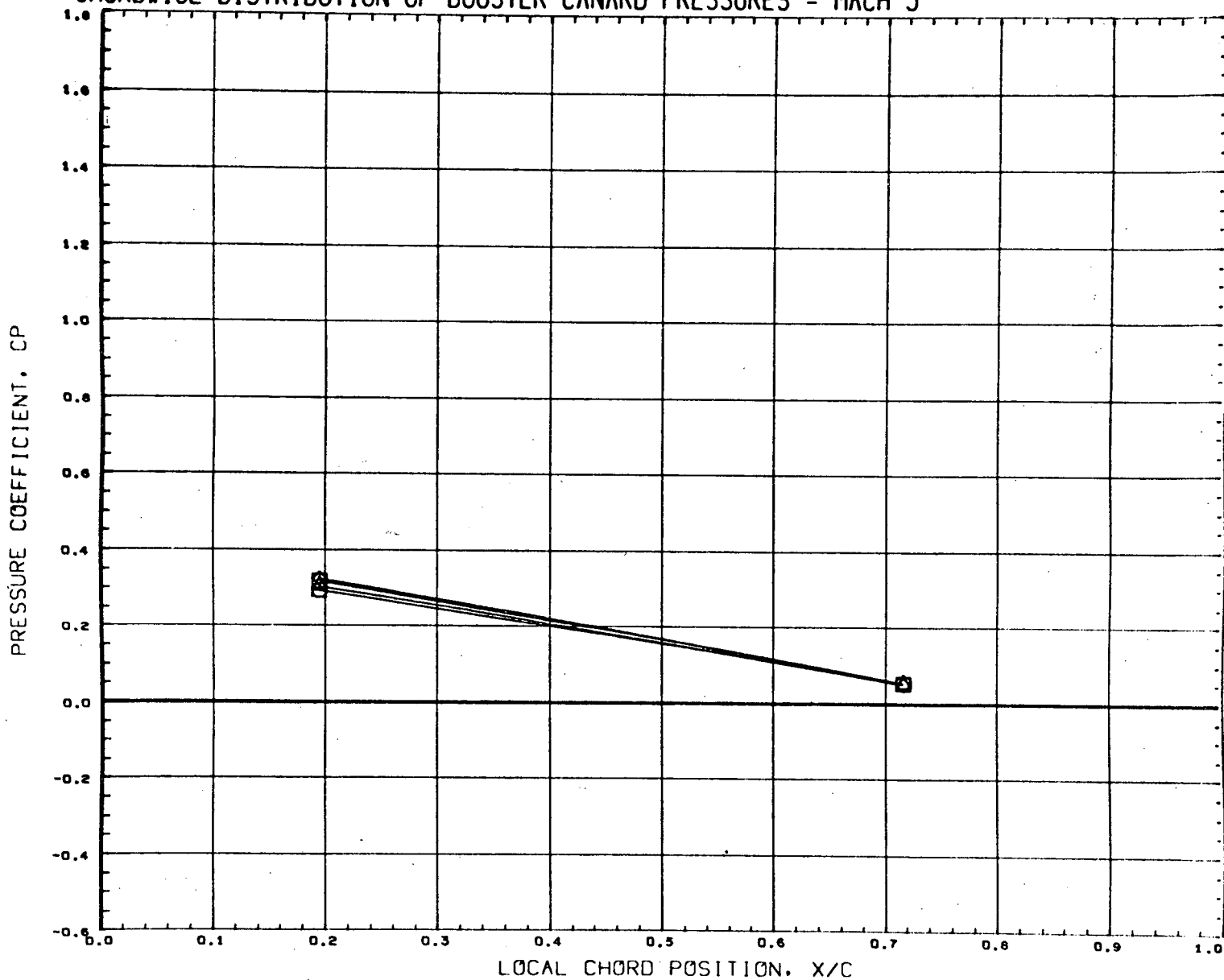
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8593•

PAGE 1562

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.035
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

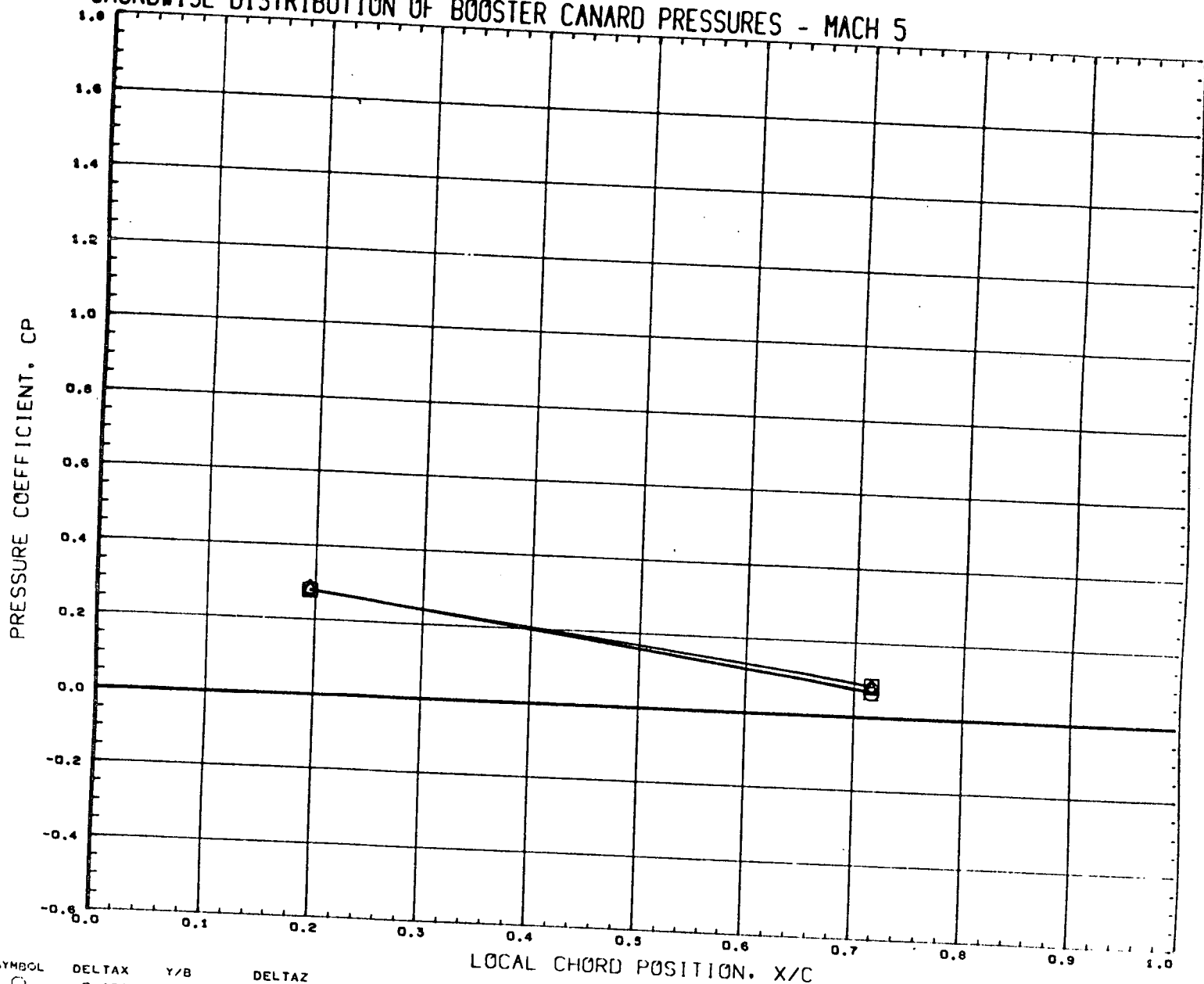
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8594•

PAGE 1563

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.035
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

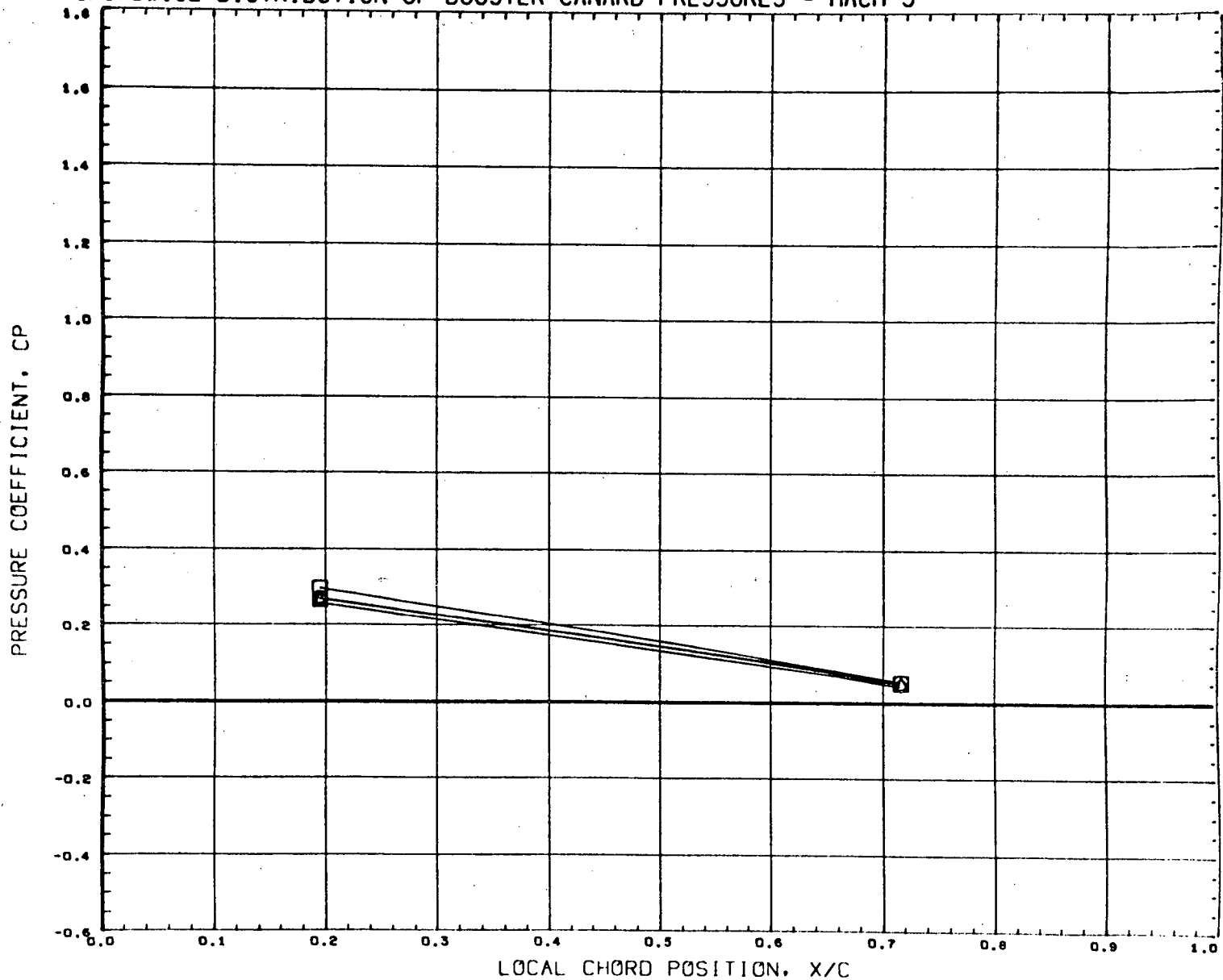
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8594•

PAGE 1564

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.992
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

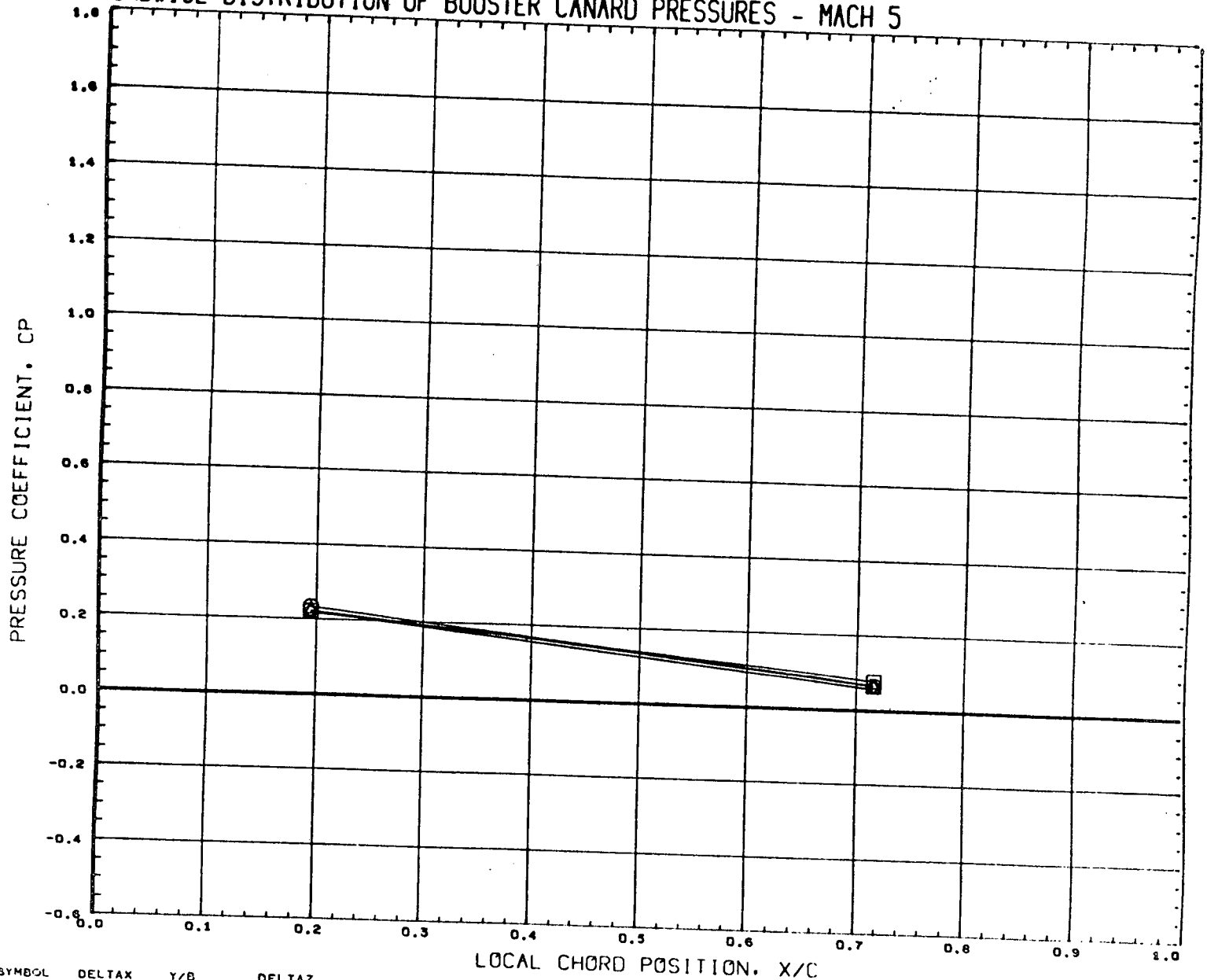
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8595•

PAGE 1565

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA2	9.992
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

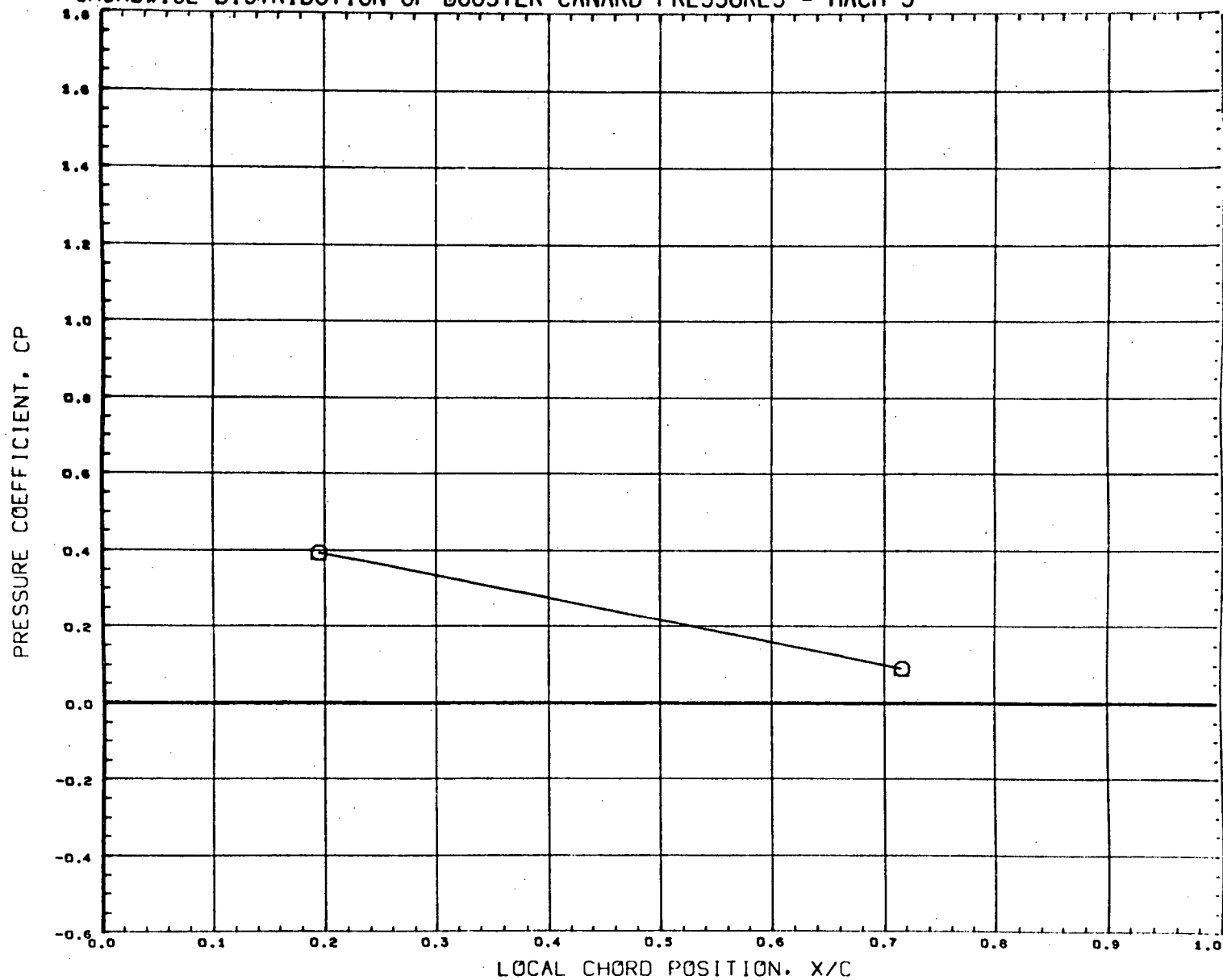
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8595•

PAGE 1566

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O - 0.179 0.365 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHA8 - 9.980
 MACH 4.970 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 100.000

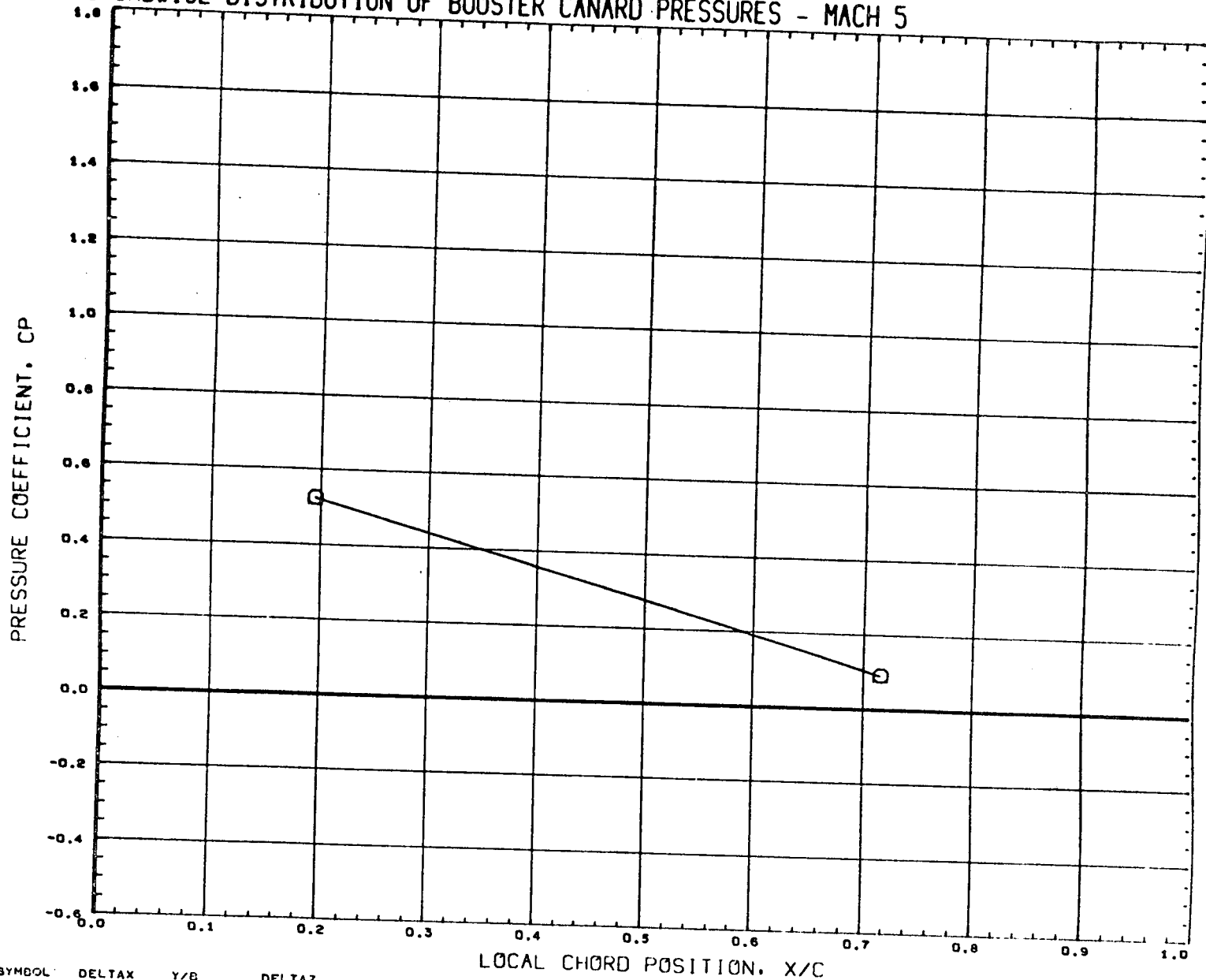
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8601•

PAGE 1567

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL: \bigcirc DELTAX - 0.179 Y/B 0.879 DELTAZ 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.980
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

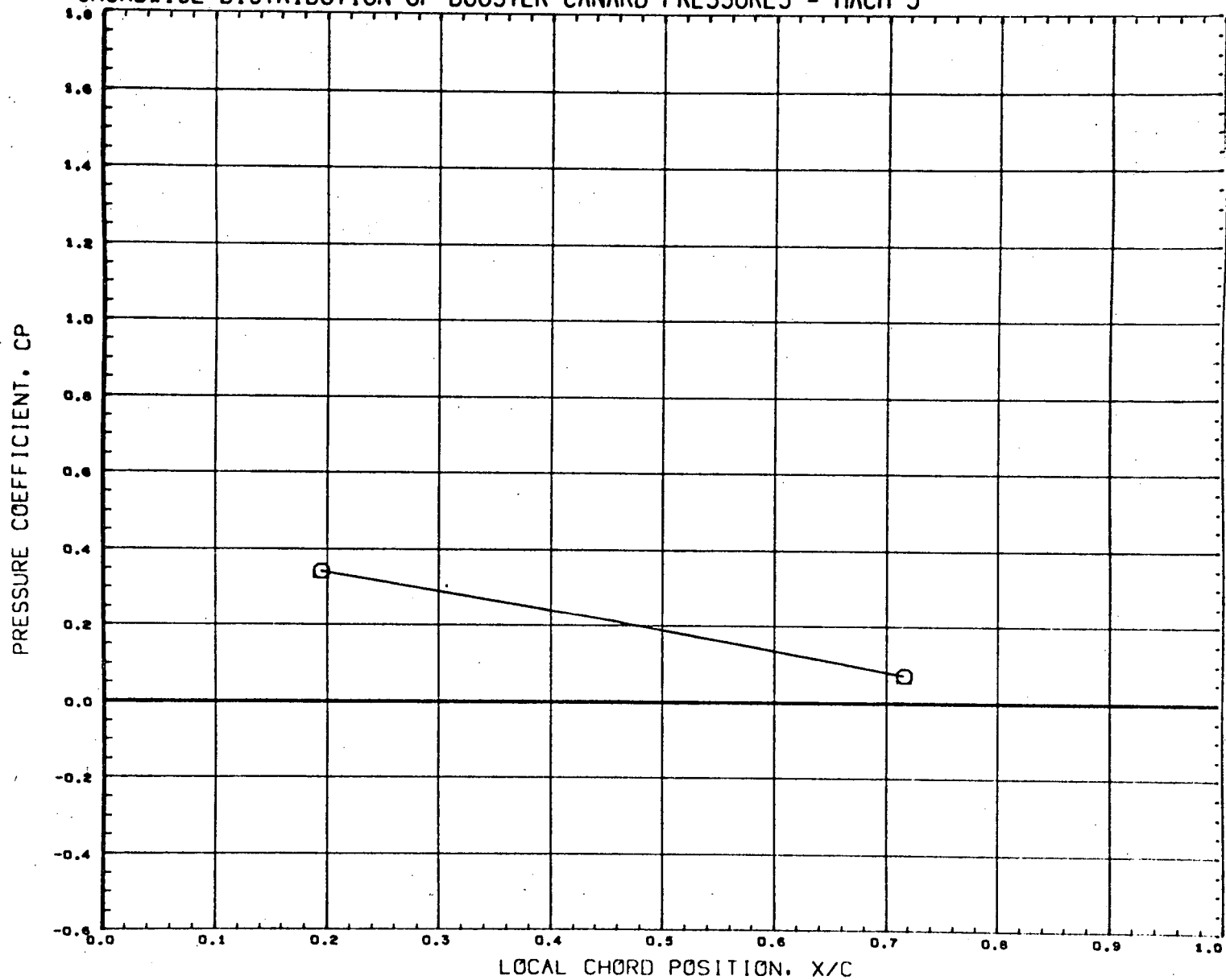
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8601•

PAGE 1568

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.179	0.565	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.960
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	100.000

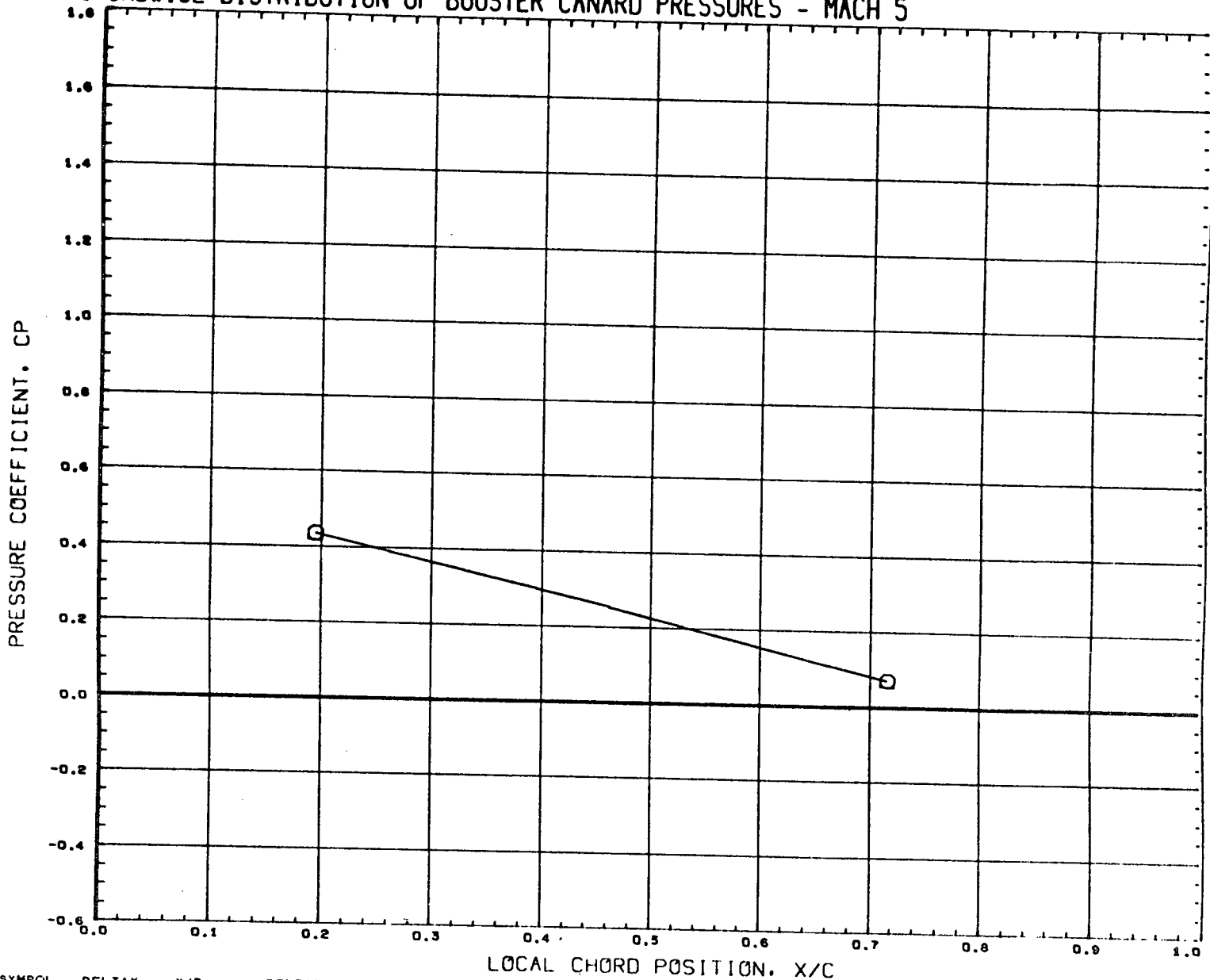
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8602•

PAGE 1569

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ - 0.179 0.879 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.900
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 ESTPOW 100.000

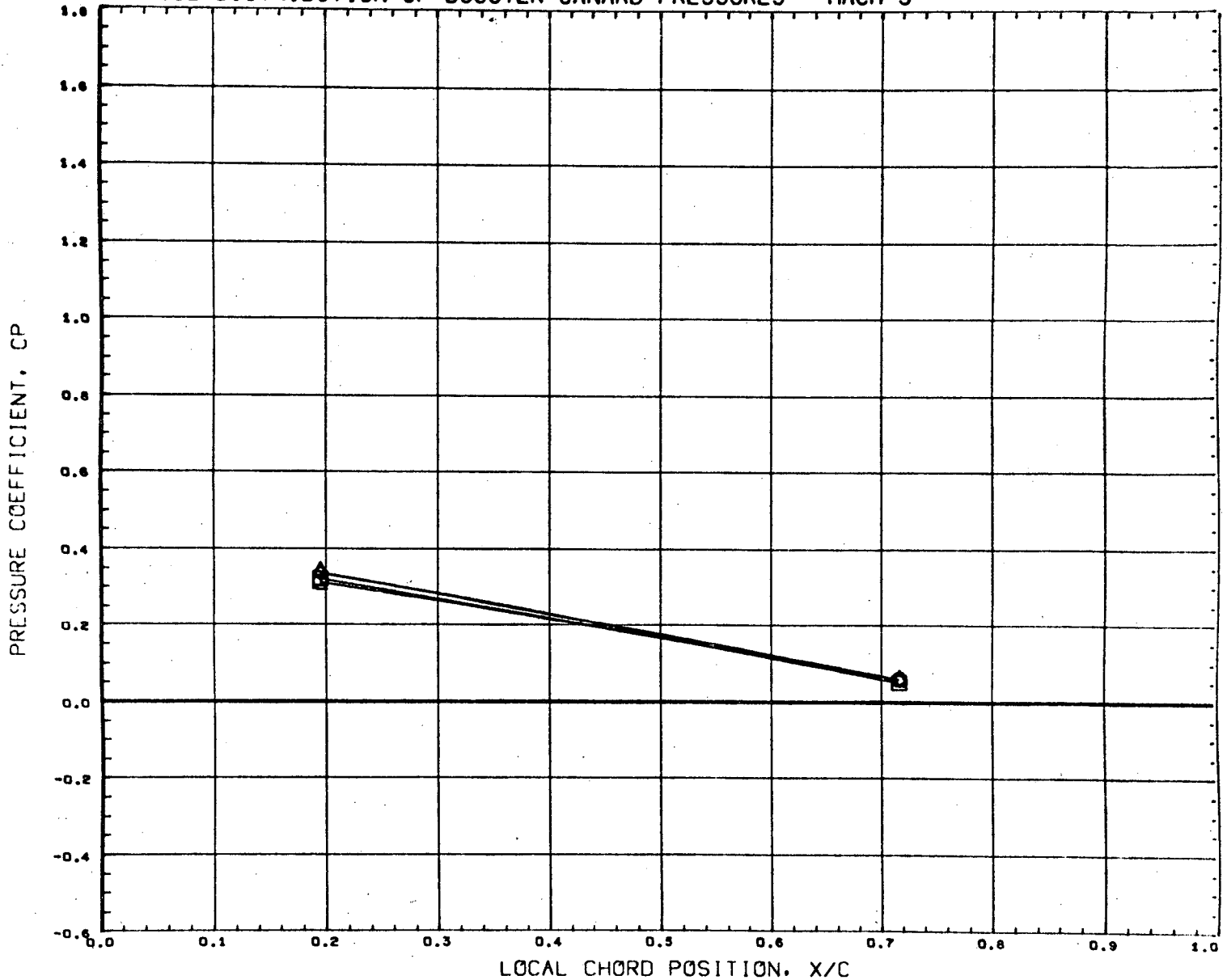
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8602•

PAGE 1570

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	100.000

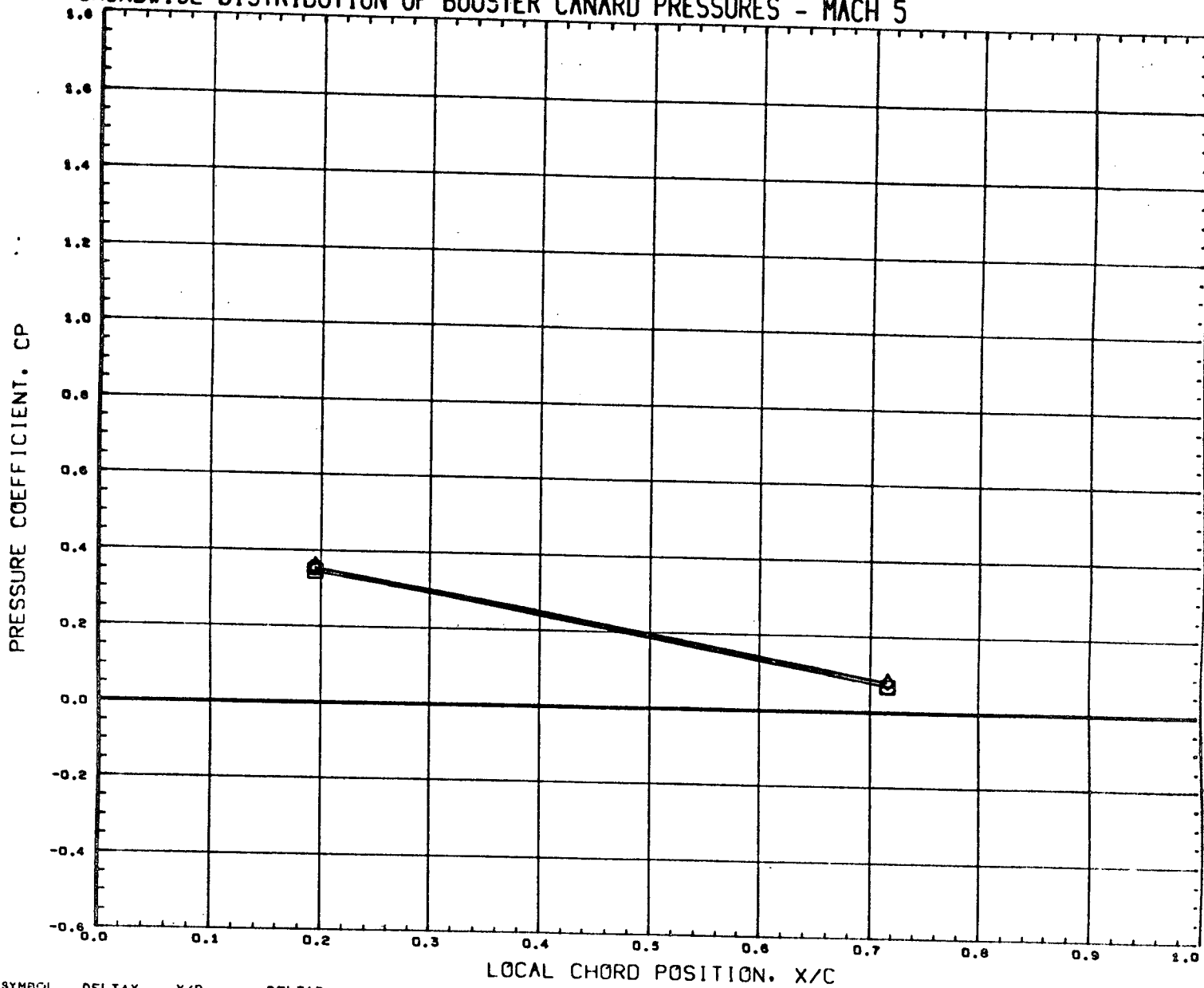
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8603•

PAGE 1571

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	100.000

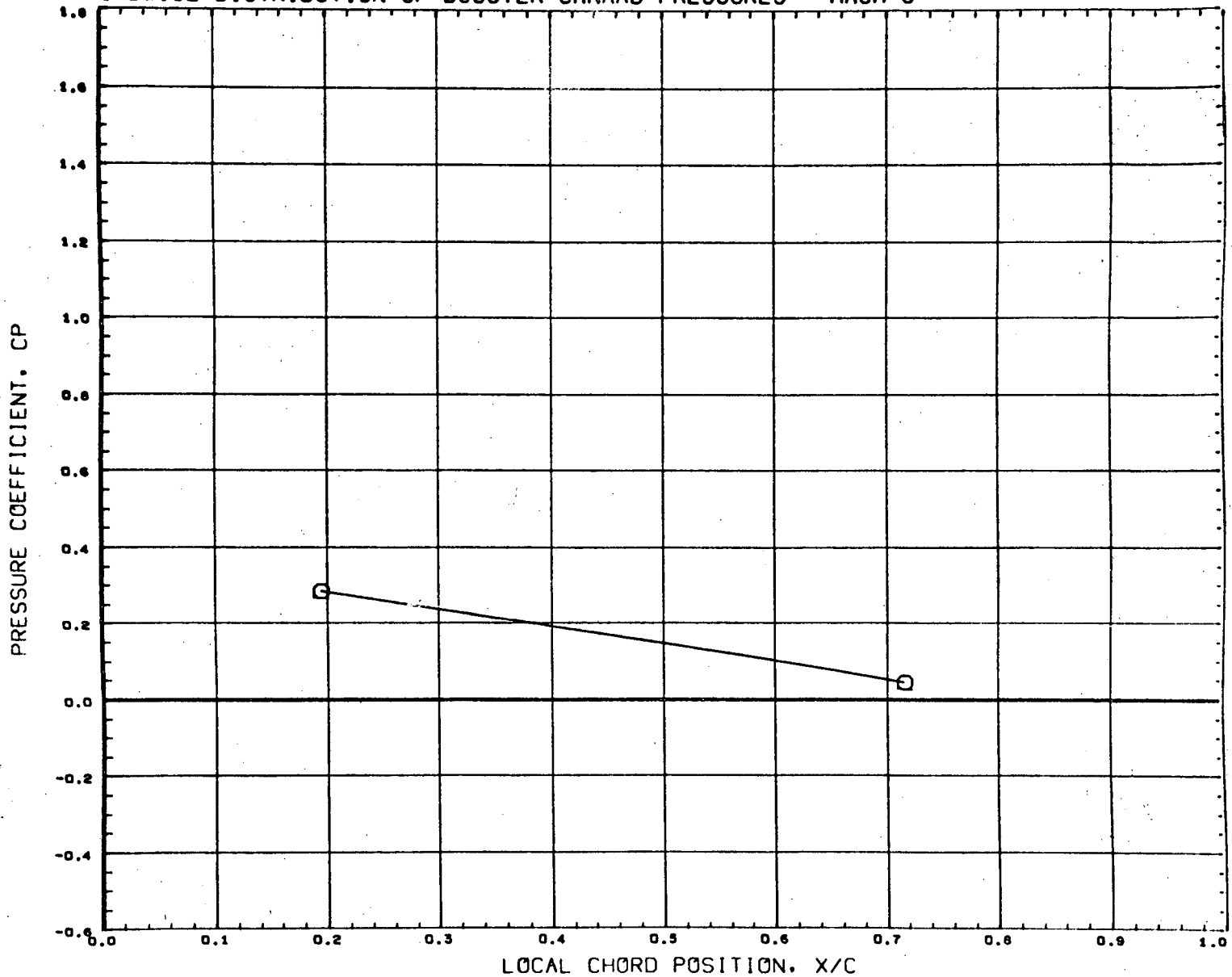
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8603•

PAGE 1572

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ - 0.179 0.565 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.040
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

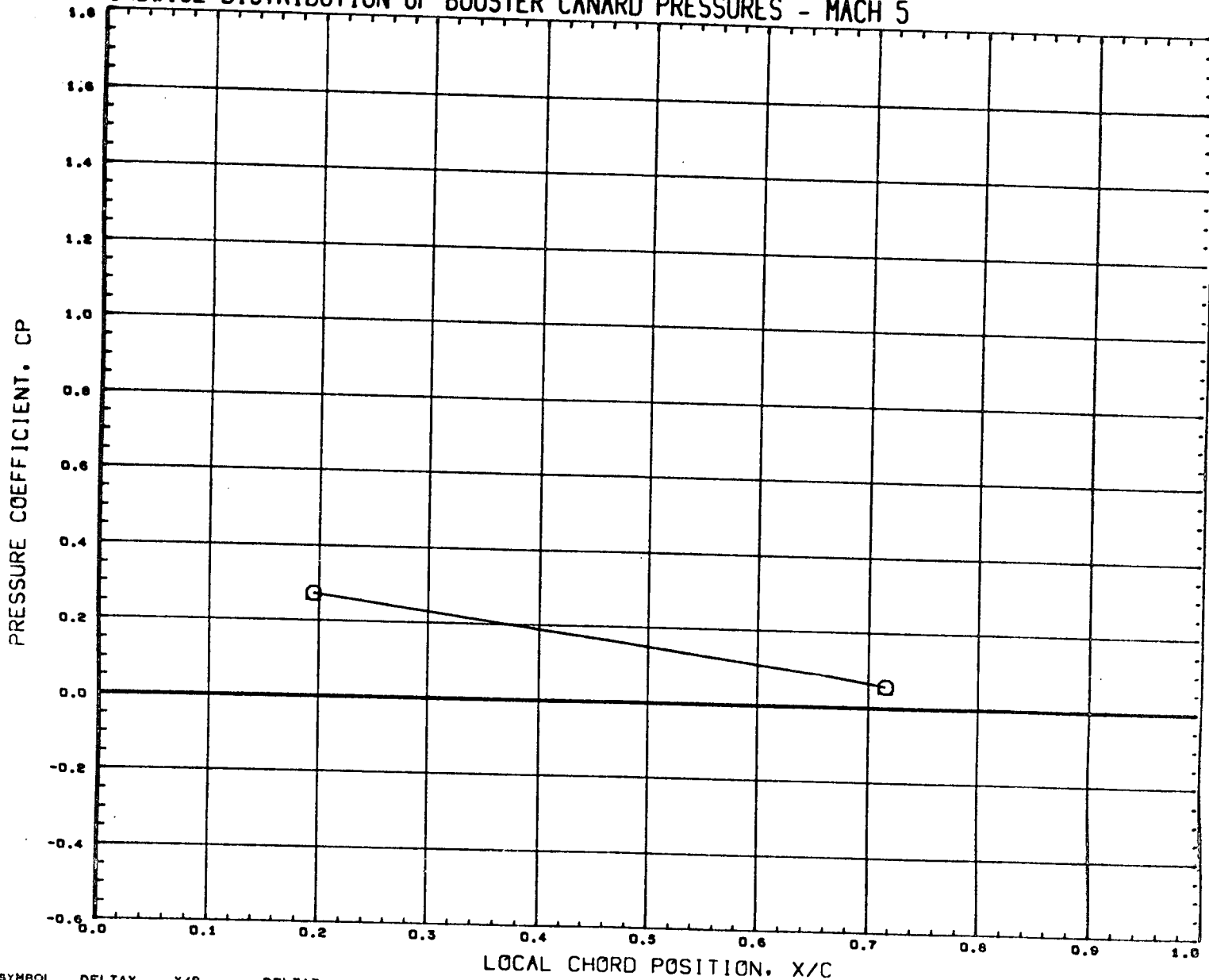
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8604•

PAGE 1573

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 O - 0.179 0.879 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.040
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

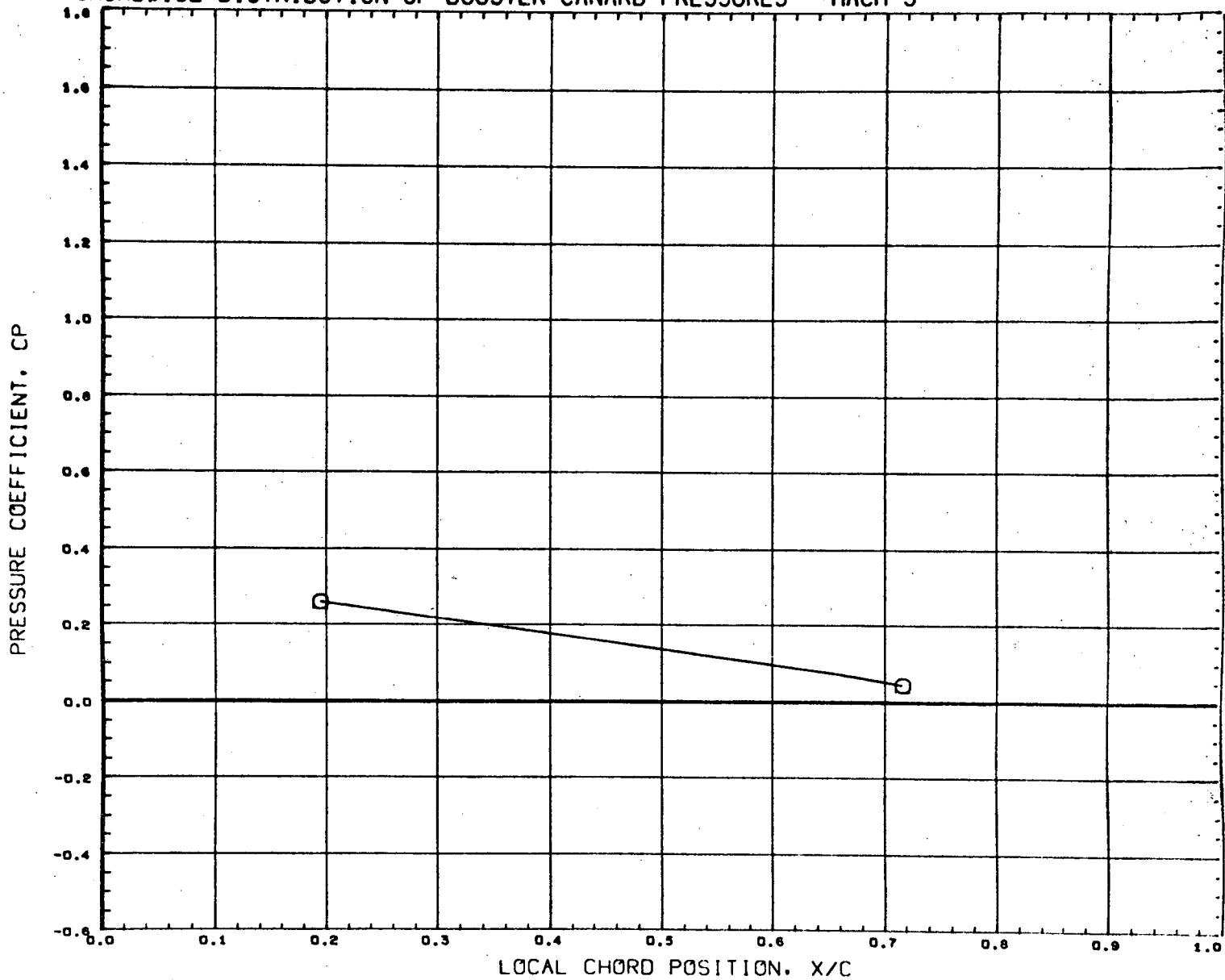
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8604•

PAGE 1574

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	- 0.179	0.365	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.990
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	100.000

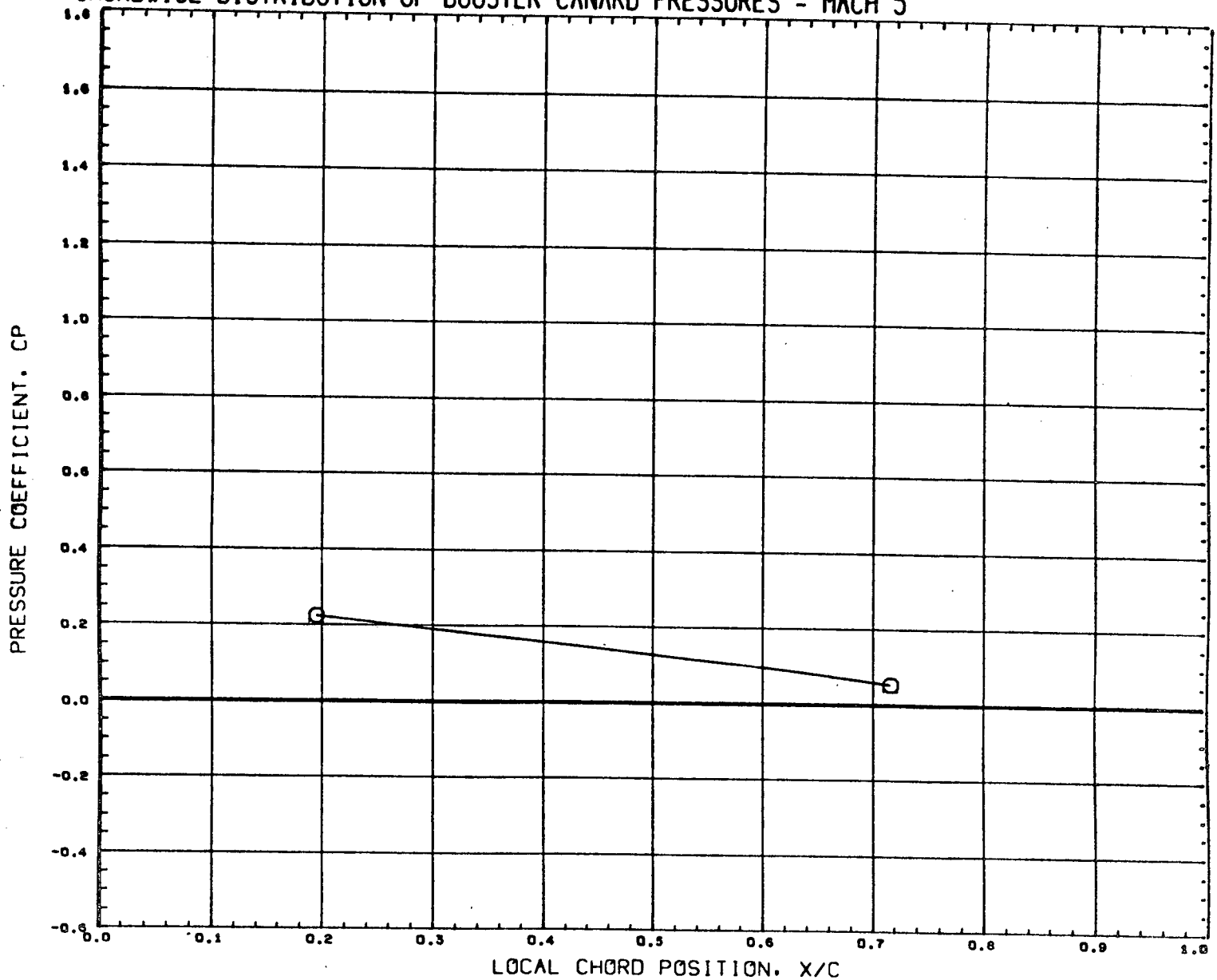
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8605•

PAGE 1575

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL DELTAX Y/B DELTAZ
 ○ - 0.179 0.879 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 9.900
 MACH 4.970 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 100.000

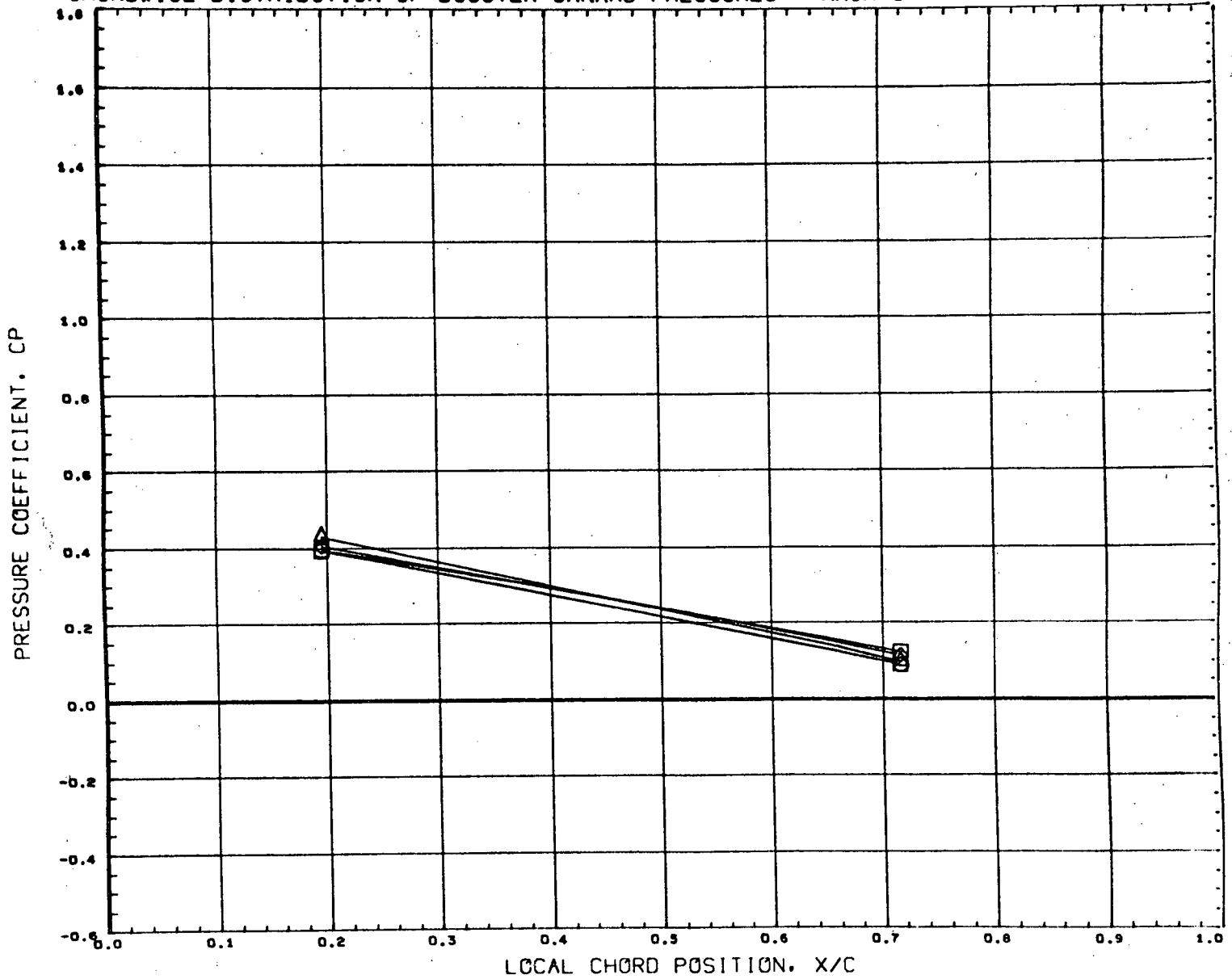
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8605•

PAGE 1576

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.980
MACH	4.970	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	100.000

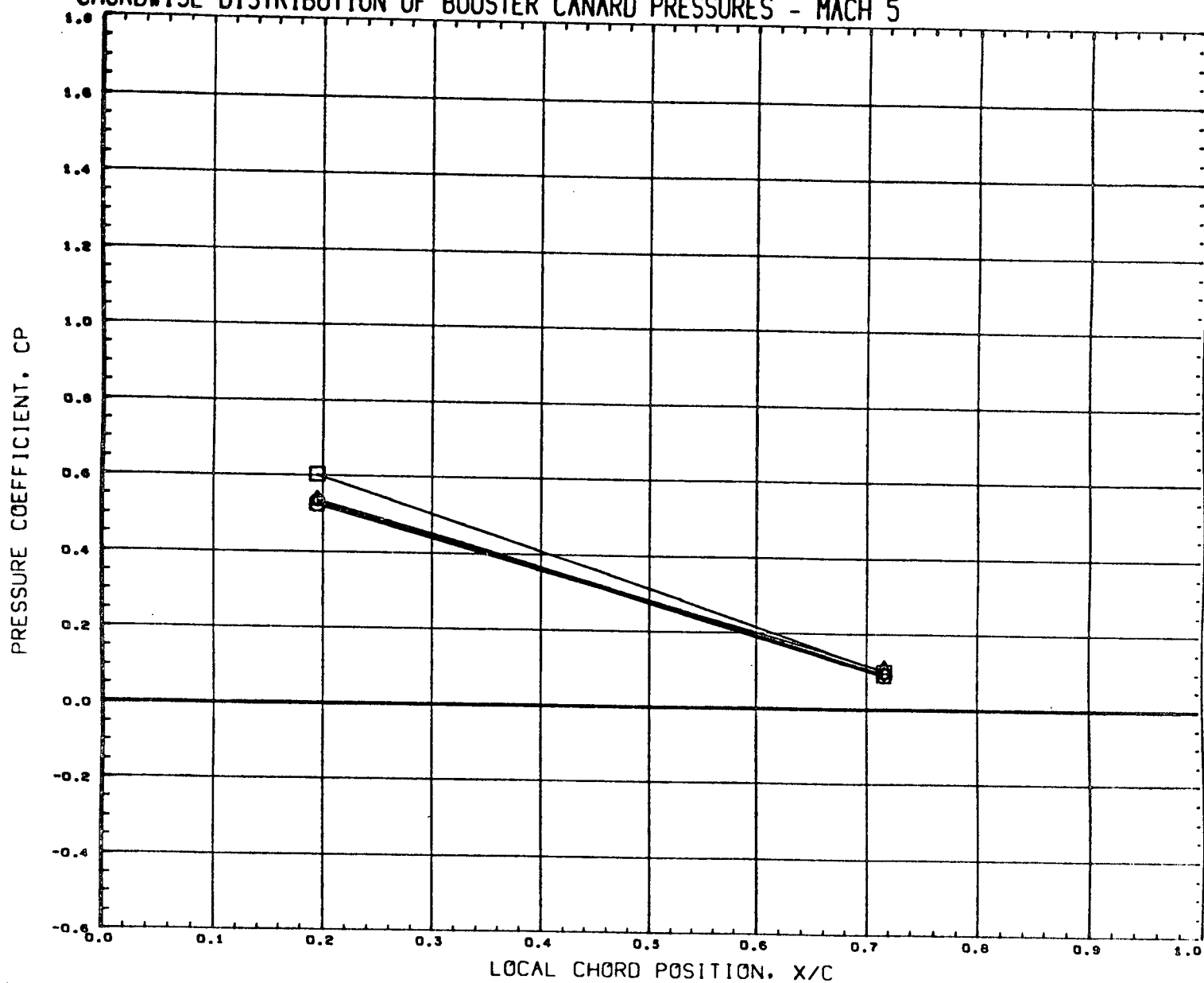
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8611•

PAGE 1577

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.879	0.106
◇	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.980
MACH	4.970	ALPHA1	0.000
ORBPW	0.000	BSTPW	100.000

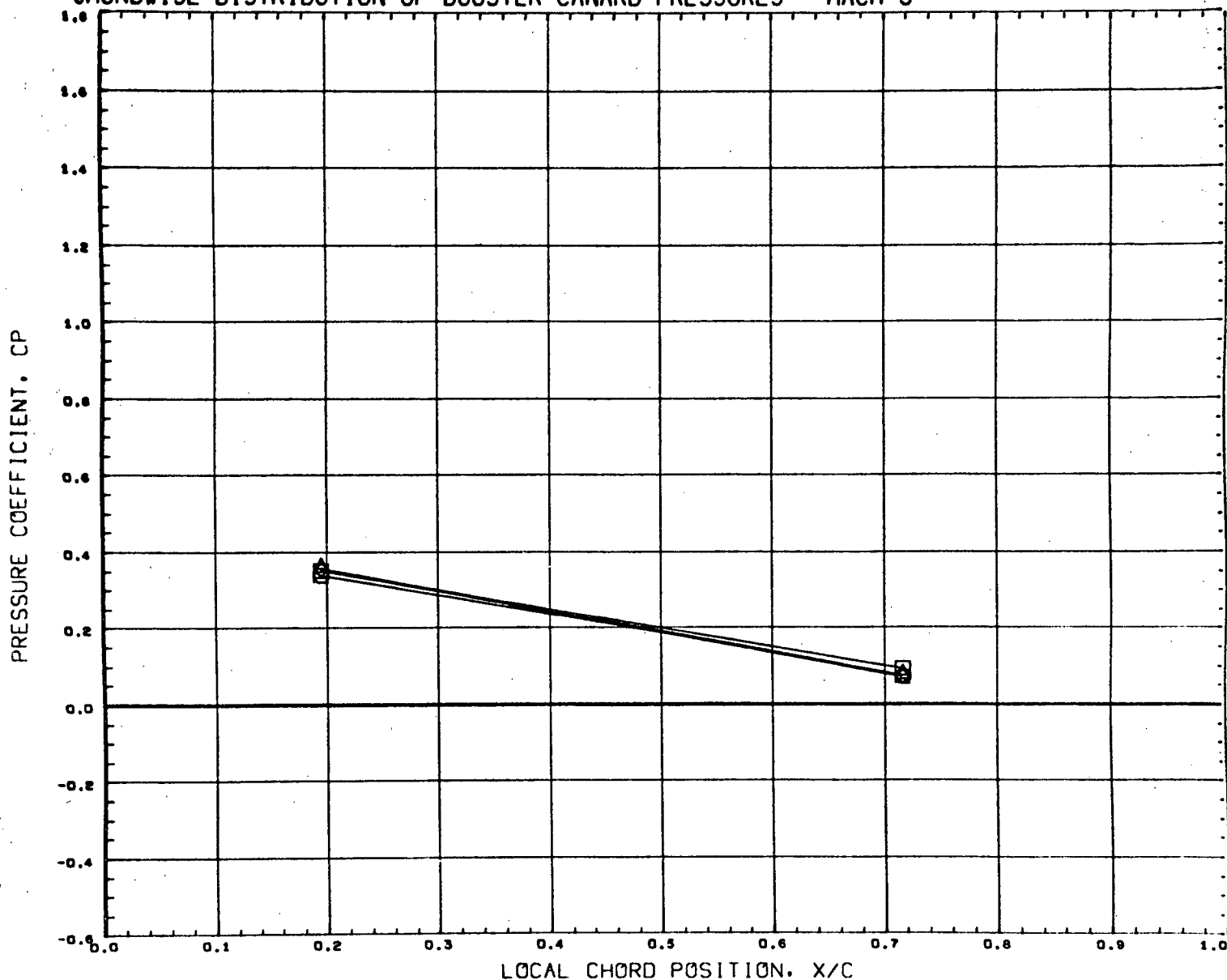
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8611•

PAGE 1578

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.950
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

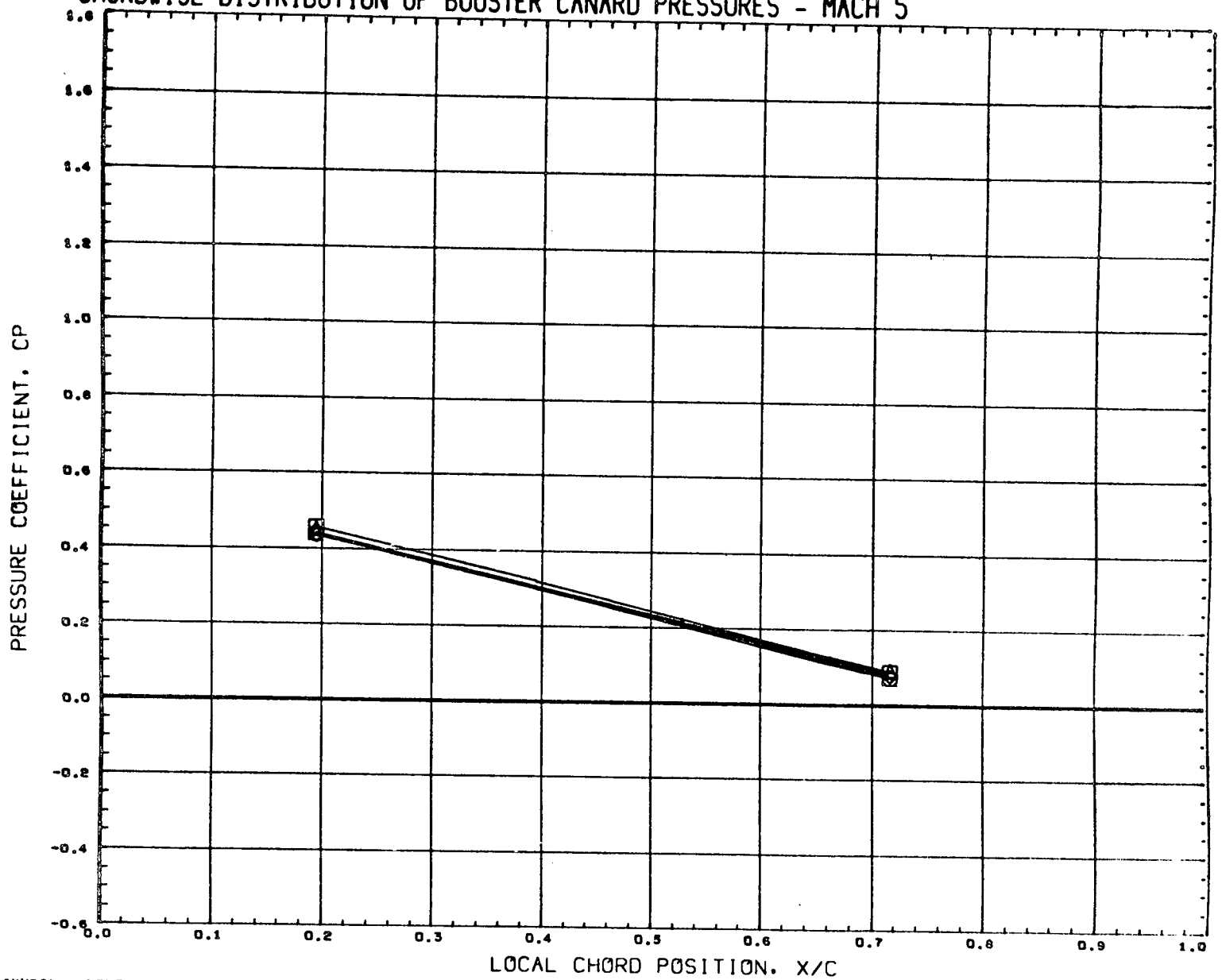
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8612•

PAGE 1579

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.990
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

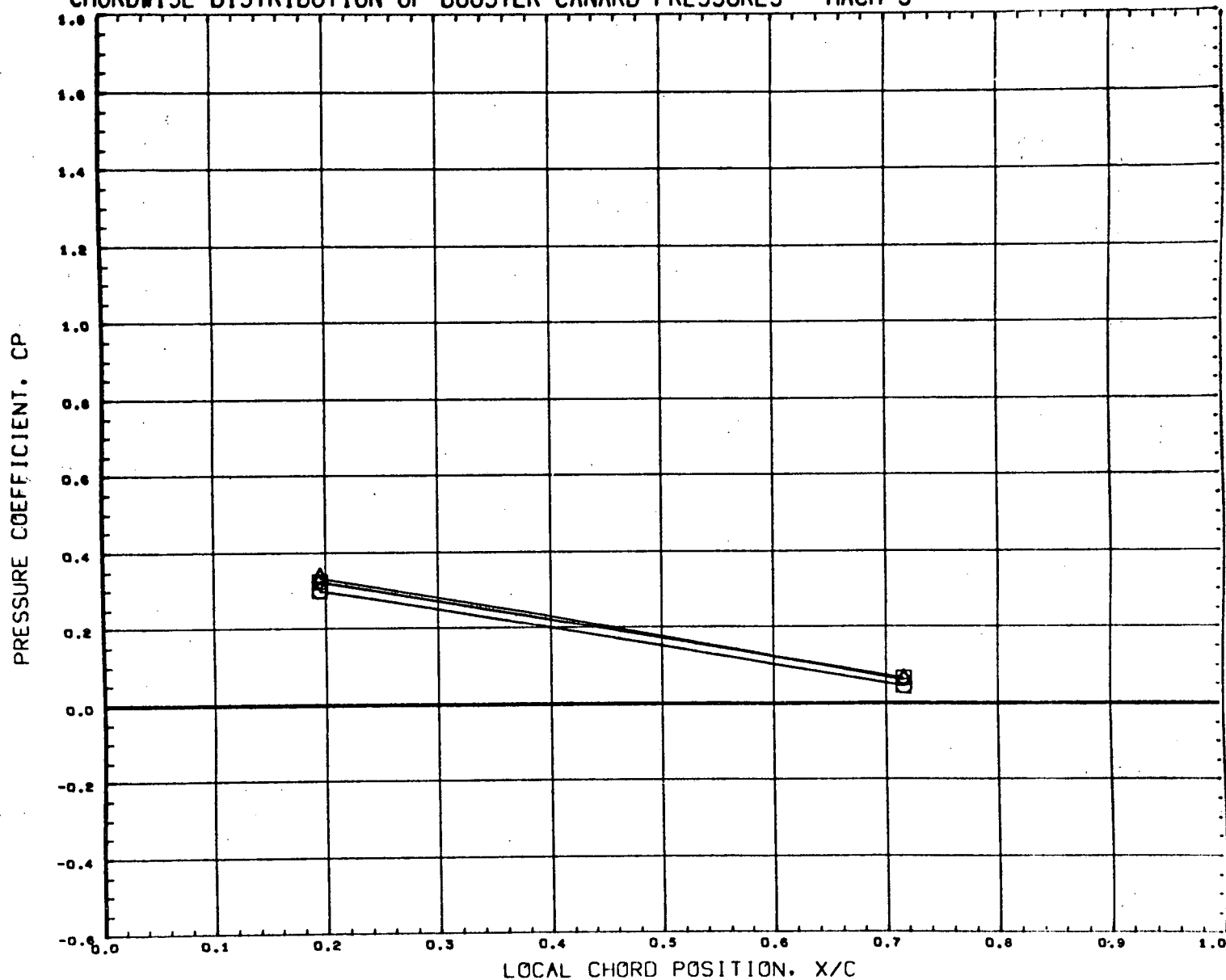
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8612•

PAGE 1580

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

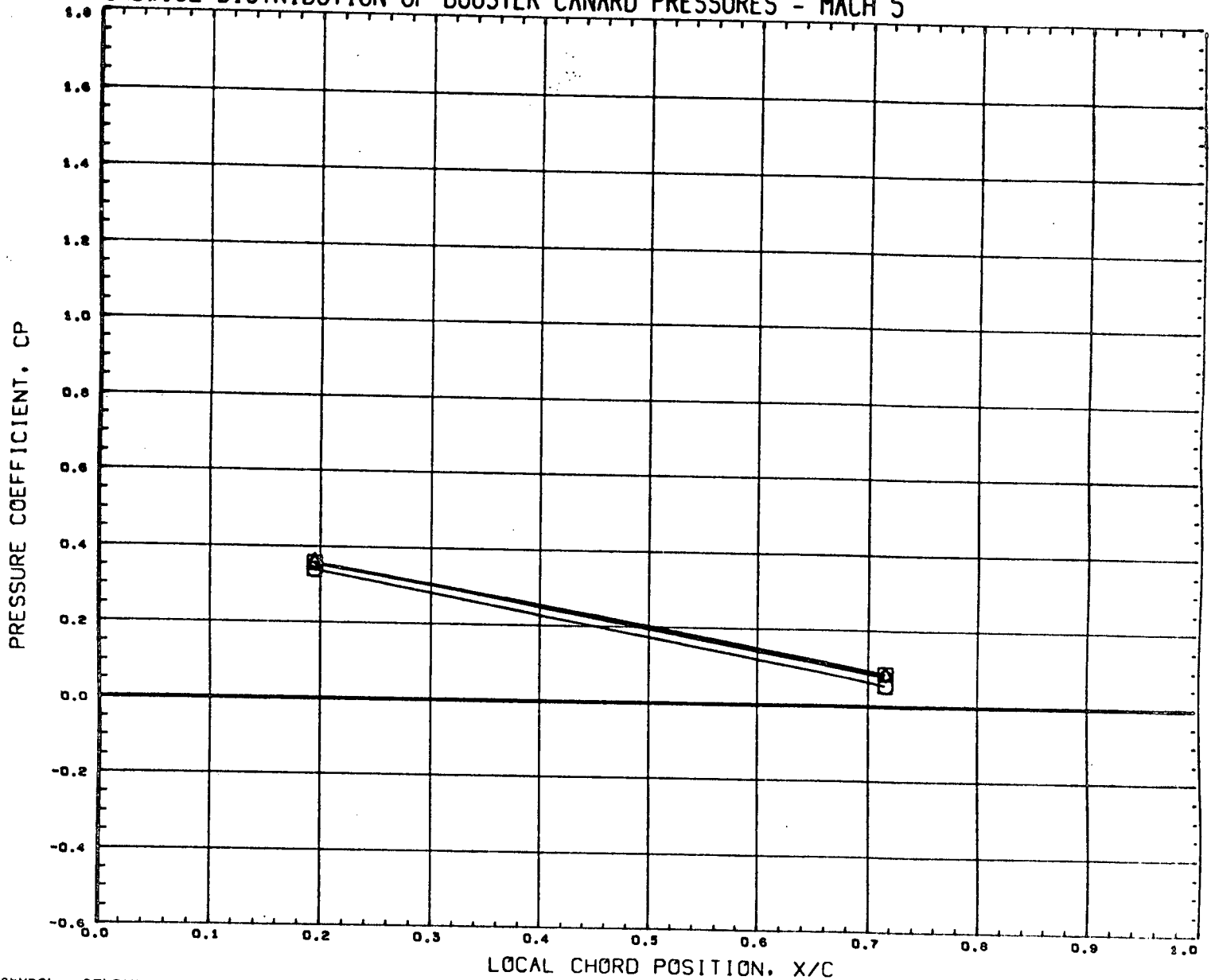
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8613•

PAGE 1581

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

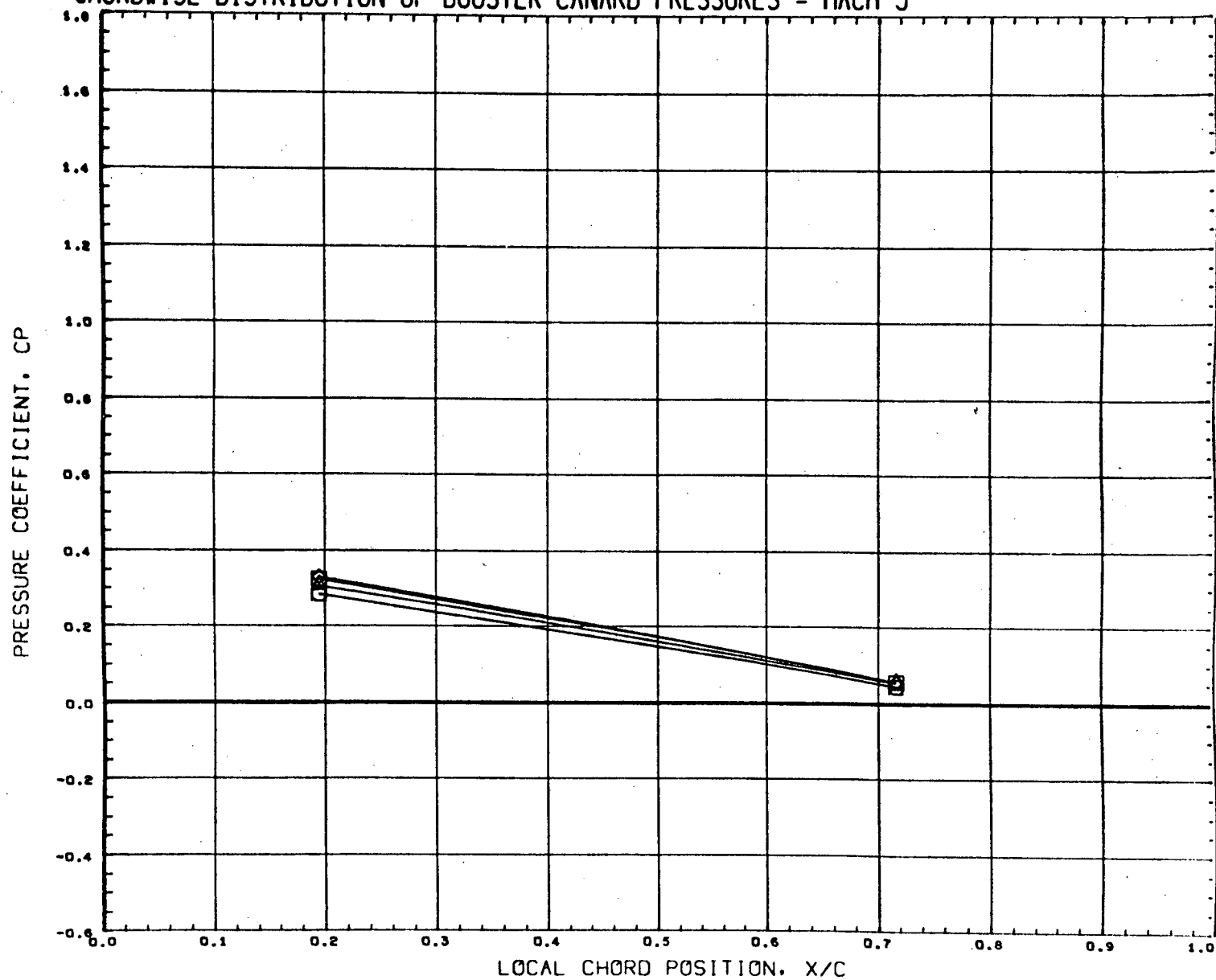
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8613•

PAGE 1582

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

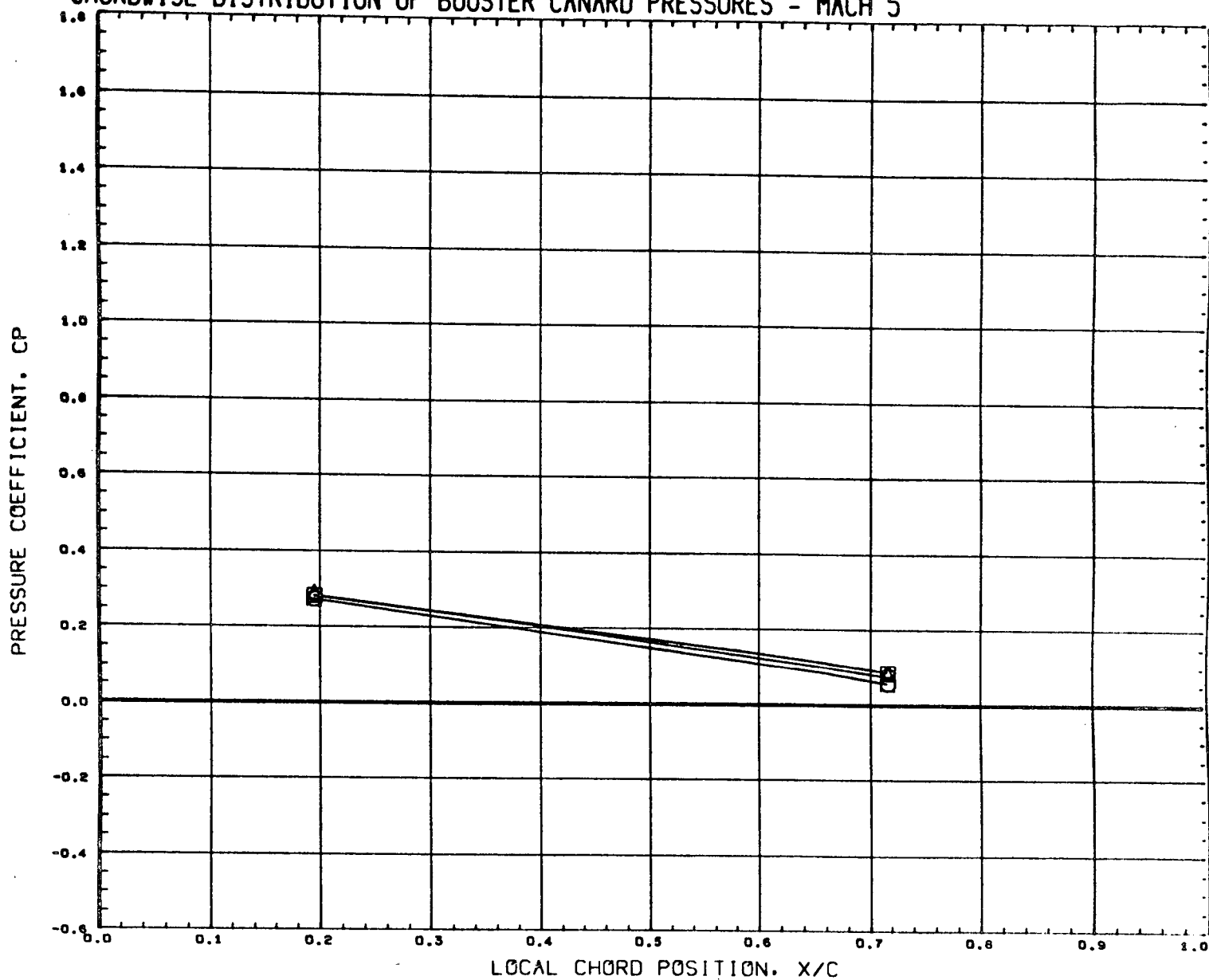
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8614•

PAGE 1583

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.879	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.037
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

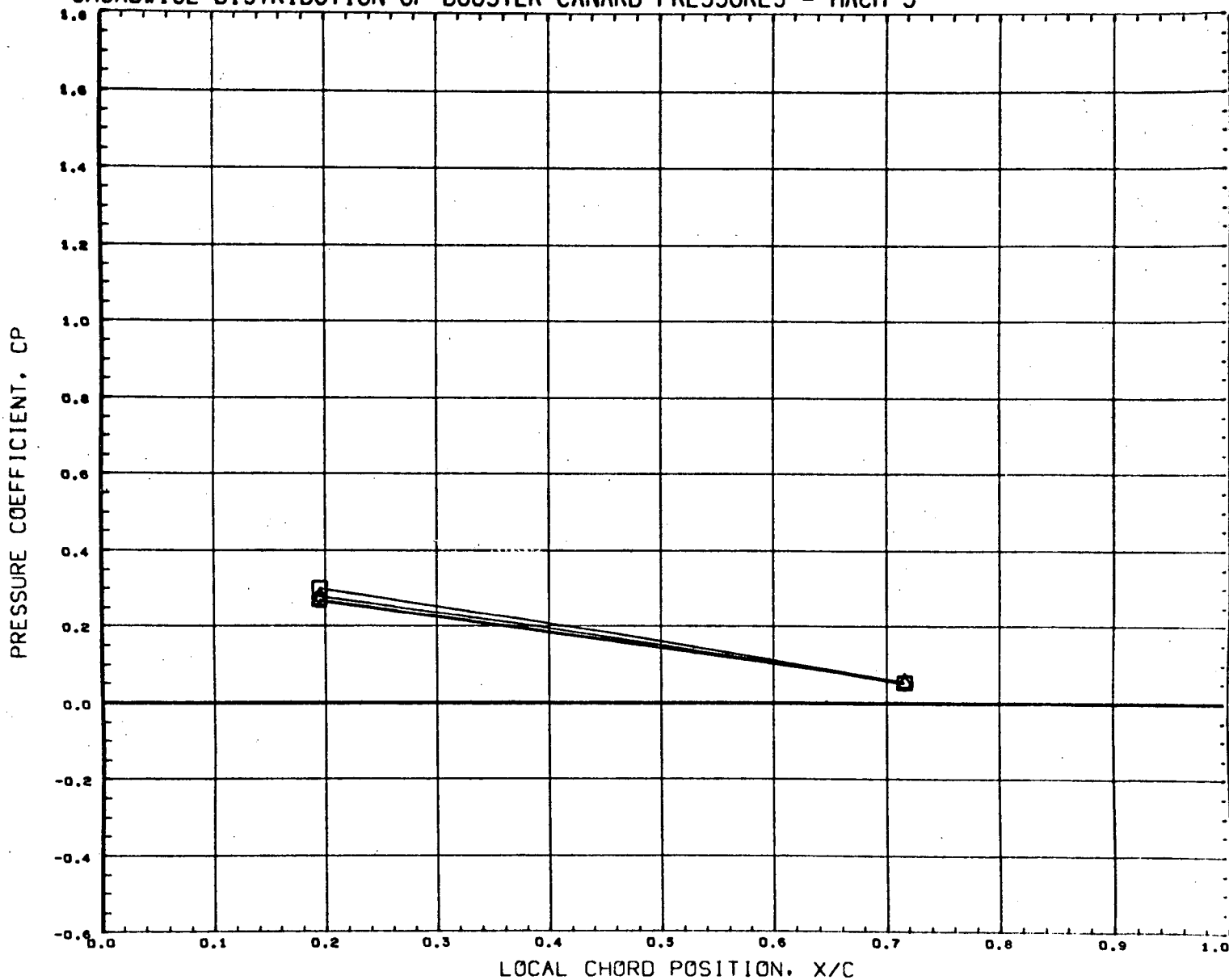
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8614•

PAGE 1584

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.565	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA0	9.999
MACH	4.970	ALPHA1	0.000
GRBPOW	0.000	BSTPOW	100.000

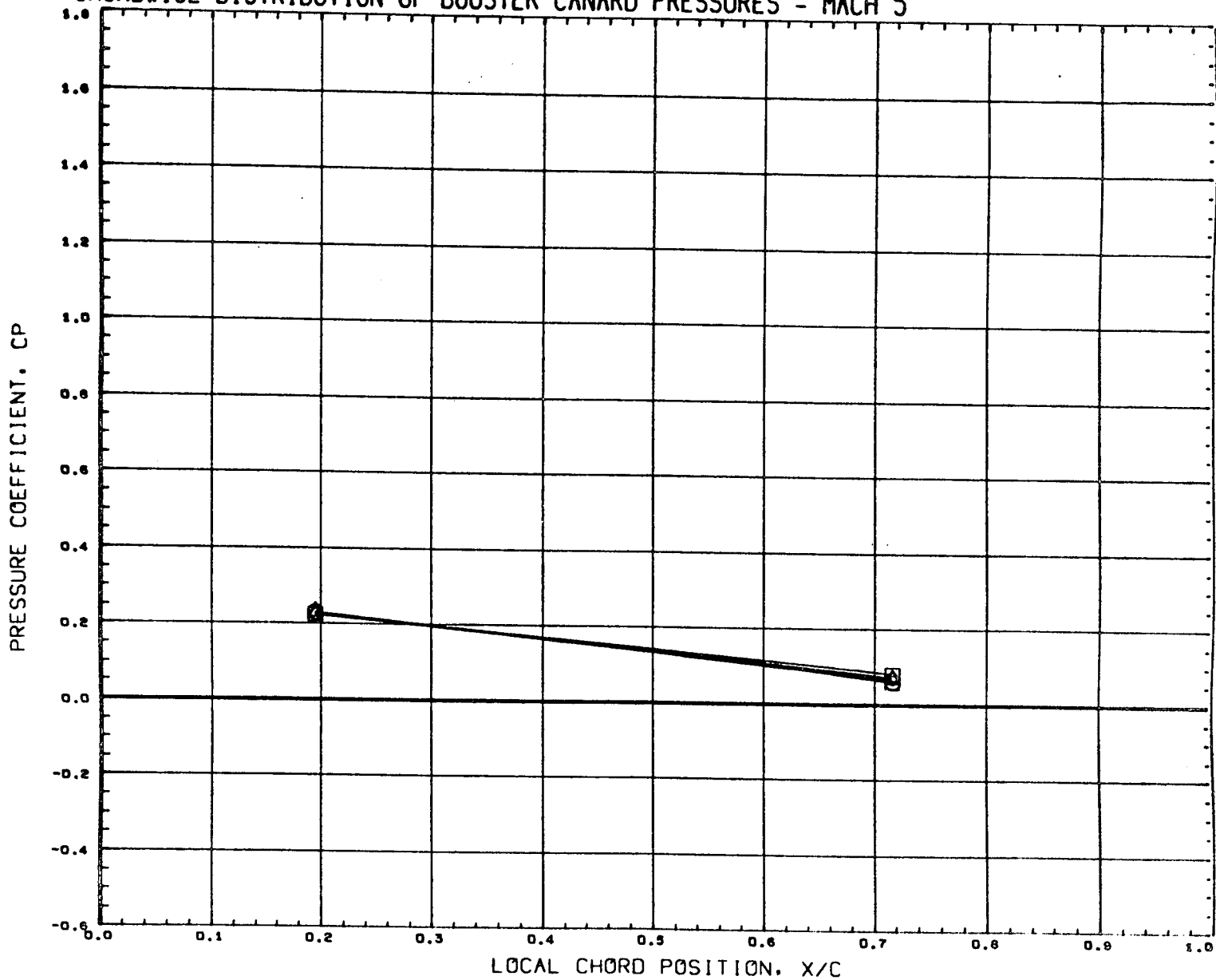
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8615•

PAGE 1585

CHORDWISE DISTRIBUTION OF BOOSTER CANARD PRESSURES - MACH 5



SYMBOL	DELTA X	Y/B	DELTA Z
○	0.179	0.079	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.999
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

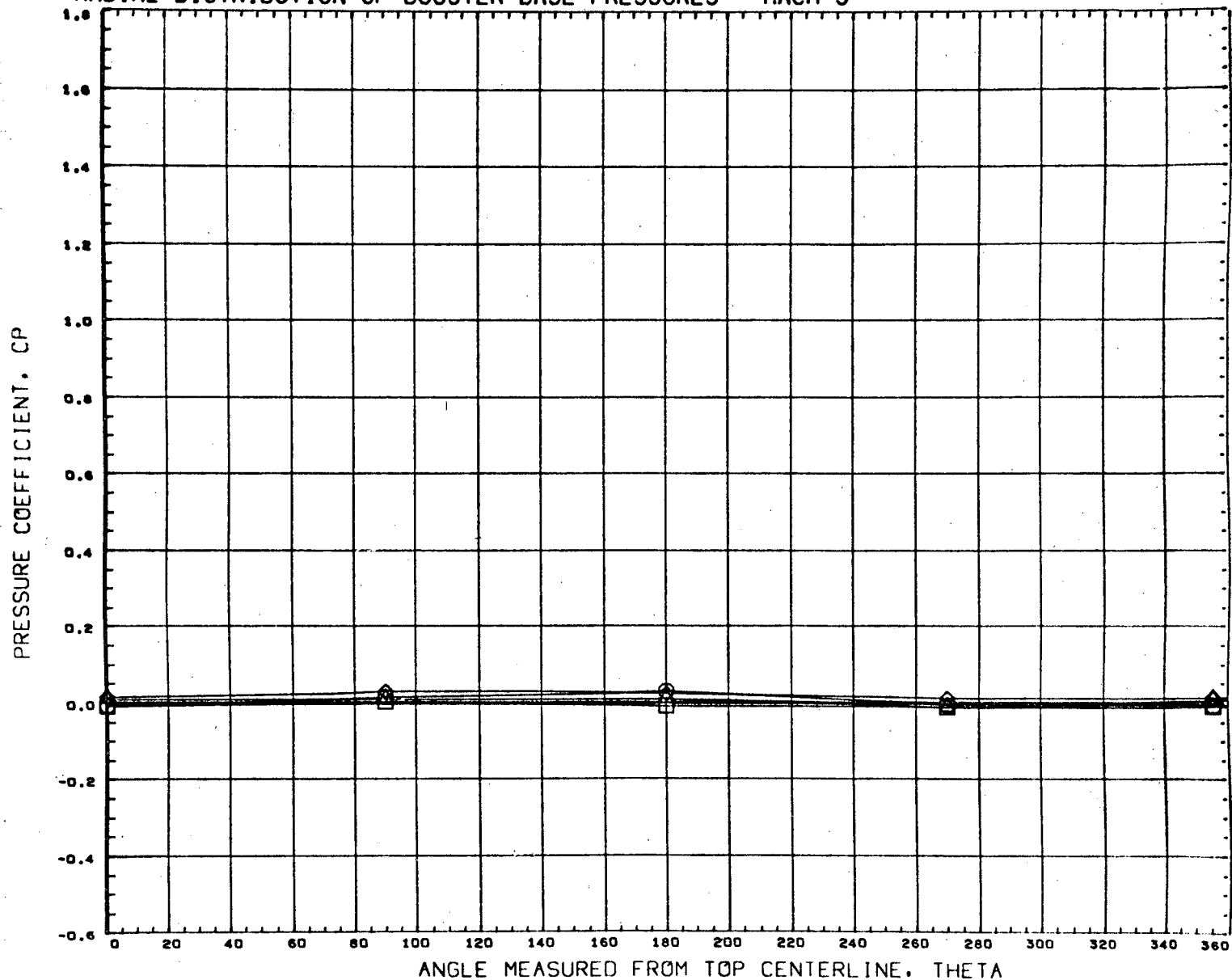
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (CANARD)

•DT8615•

PAGE 1586

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHA1	0.000
ORBPOW	0.000	BSTPOW	0.000

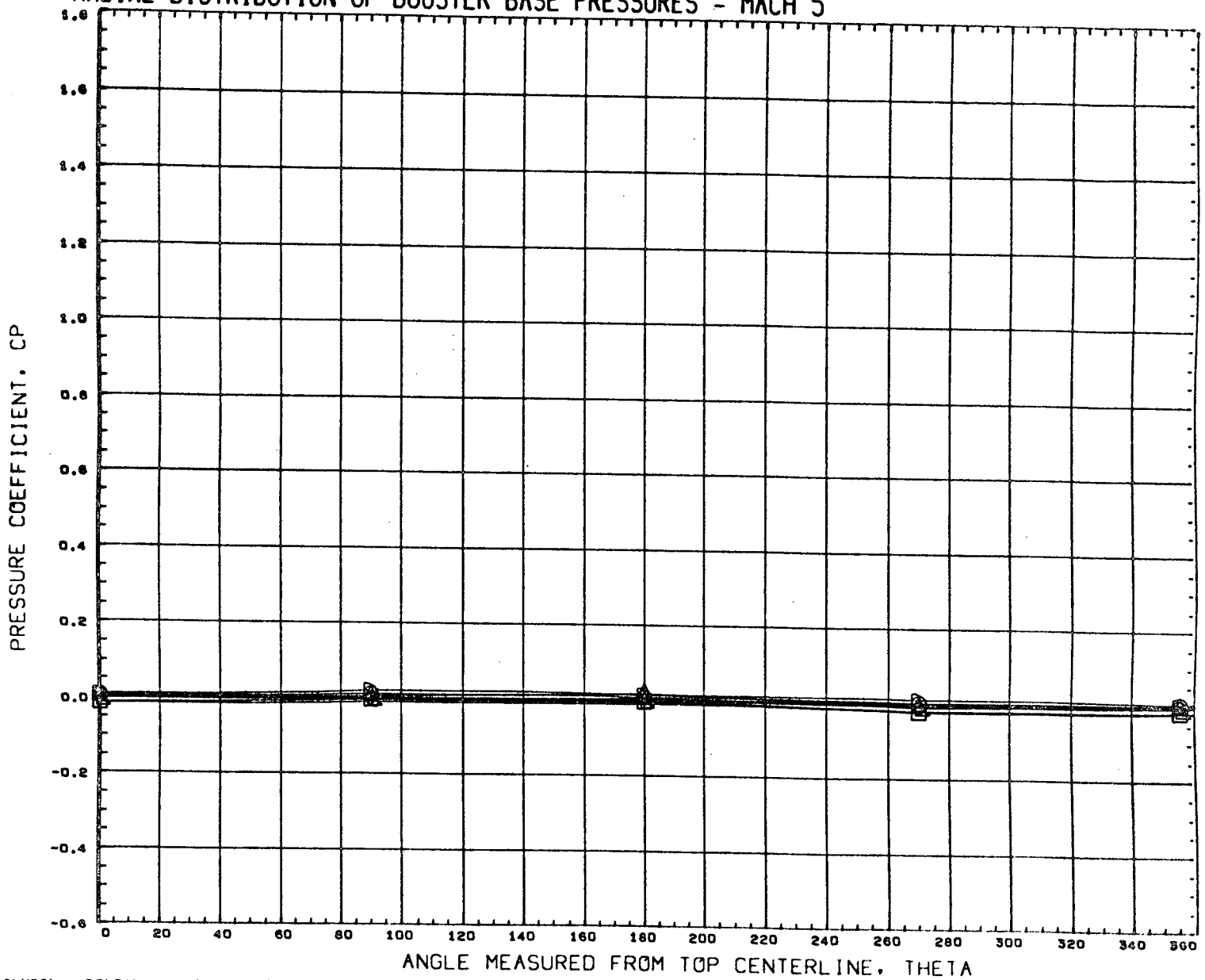
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8511•

PAGE 1587

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

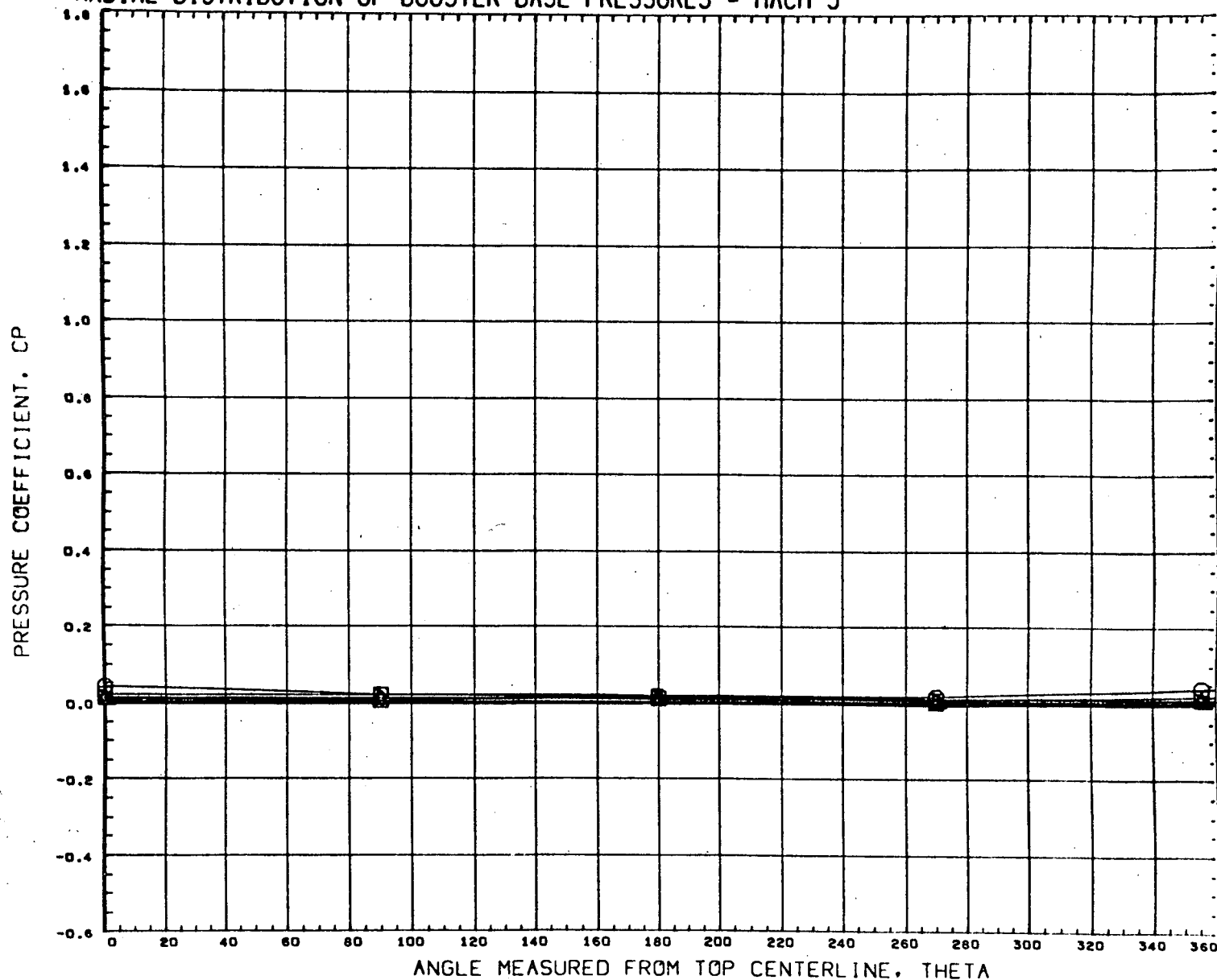


SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.120
△	0.143		
◇	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTAX	X/L	DELTAZ
○	- 0.390	1.000	0.151
◇	- 0.143		
◊	- 0.020		
□	0.103		
▤	0.227		
◻	0.350		

REFERENCE FILE

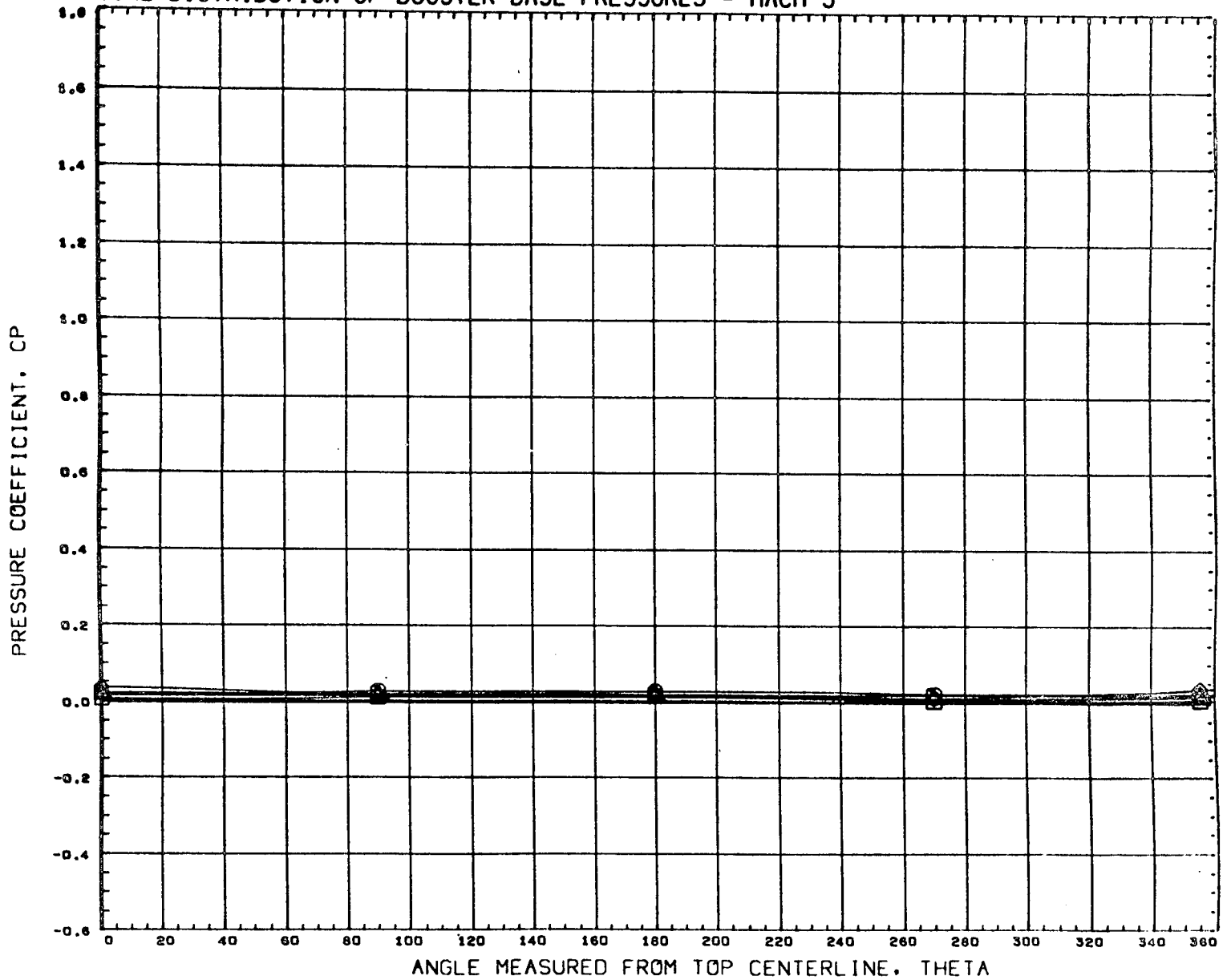
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8511•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

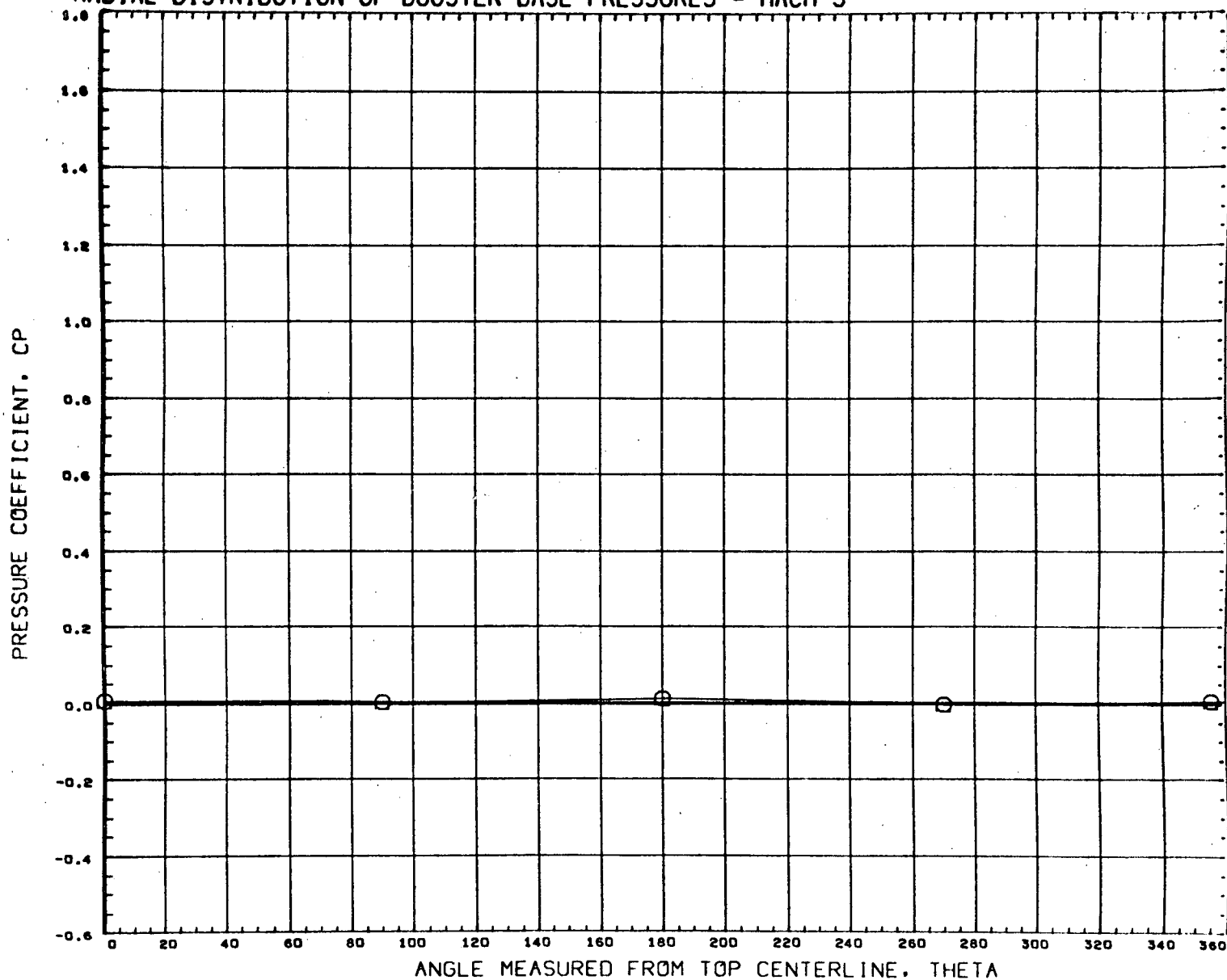


SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.228
△	0.143		
◇	0.020		
◻	0.103		
◼	0.227		
◻	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.320	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.909
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

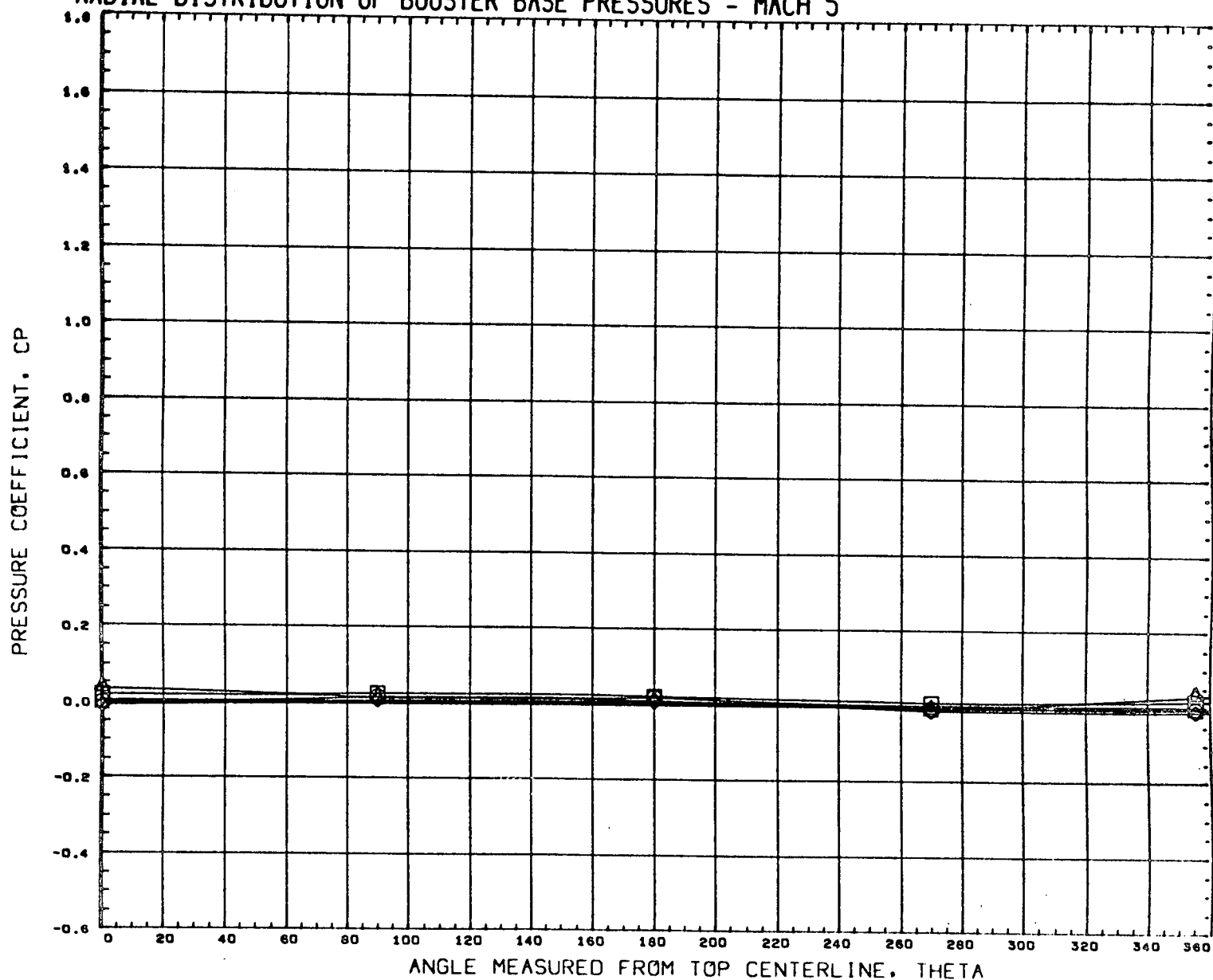
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8511•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

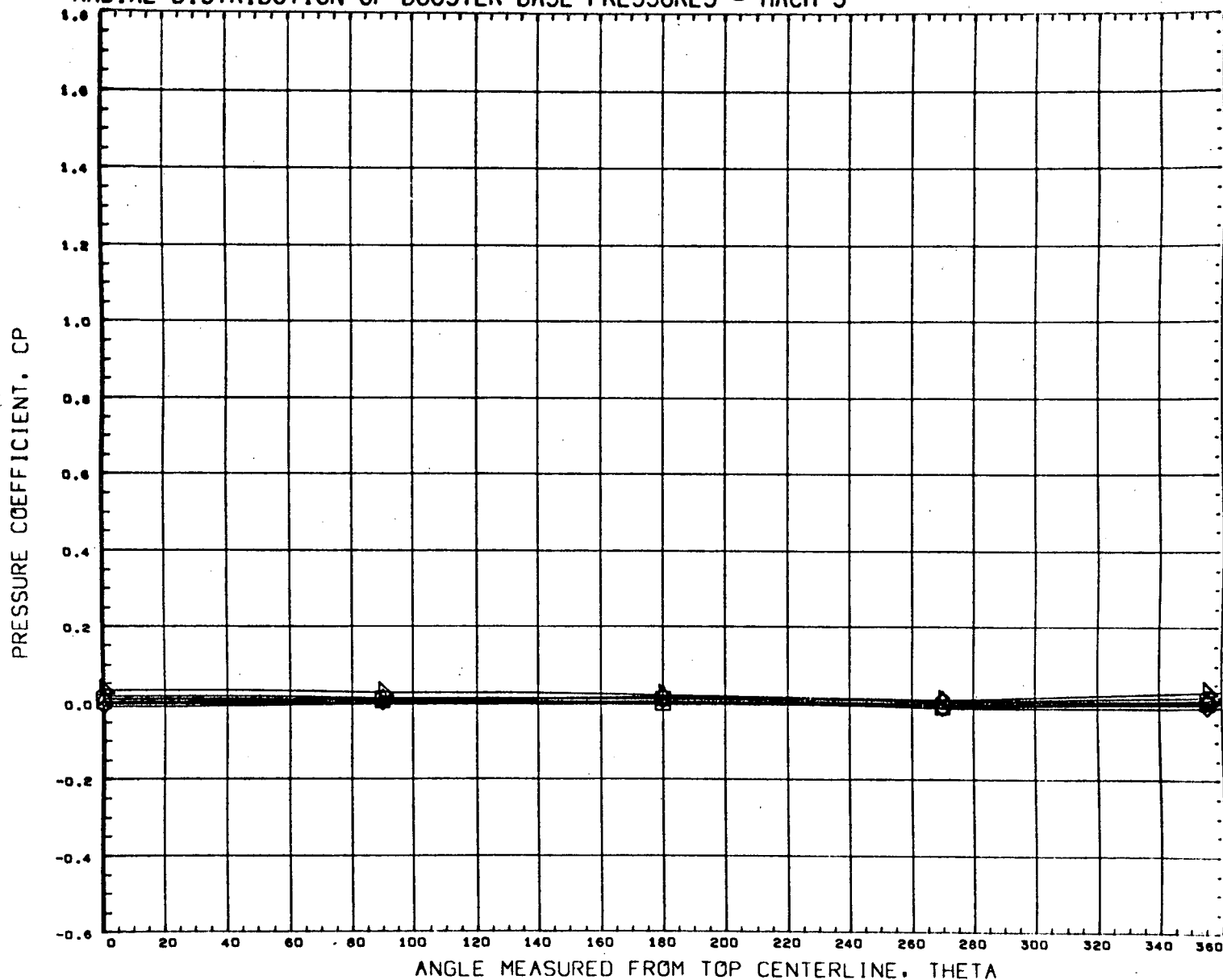
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8512•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.120
△	0.143		
◇	0.020		
□	0.103		
×	0.227		
◇	0.350		

REFERENCE FILE

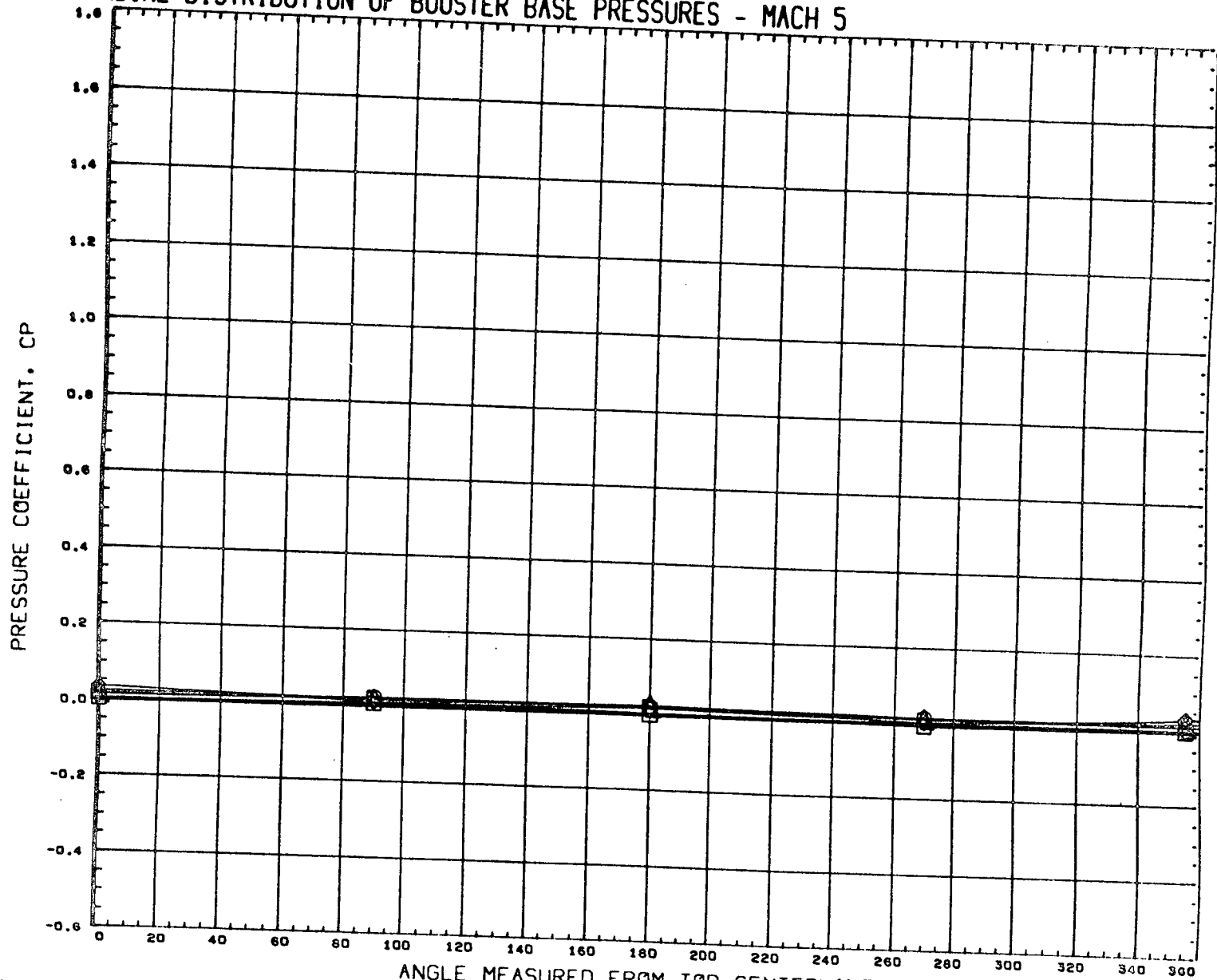
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8512•

PAGE 1593

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.151
◇	0.143		
△	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

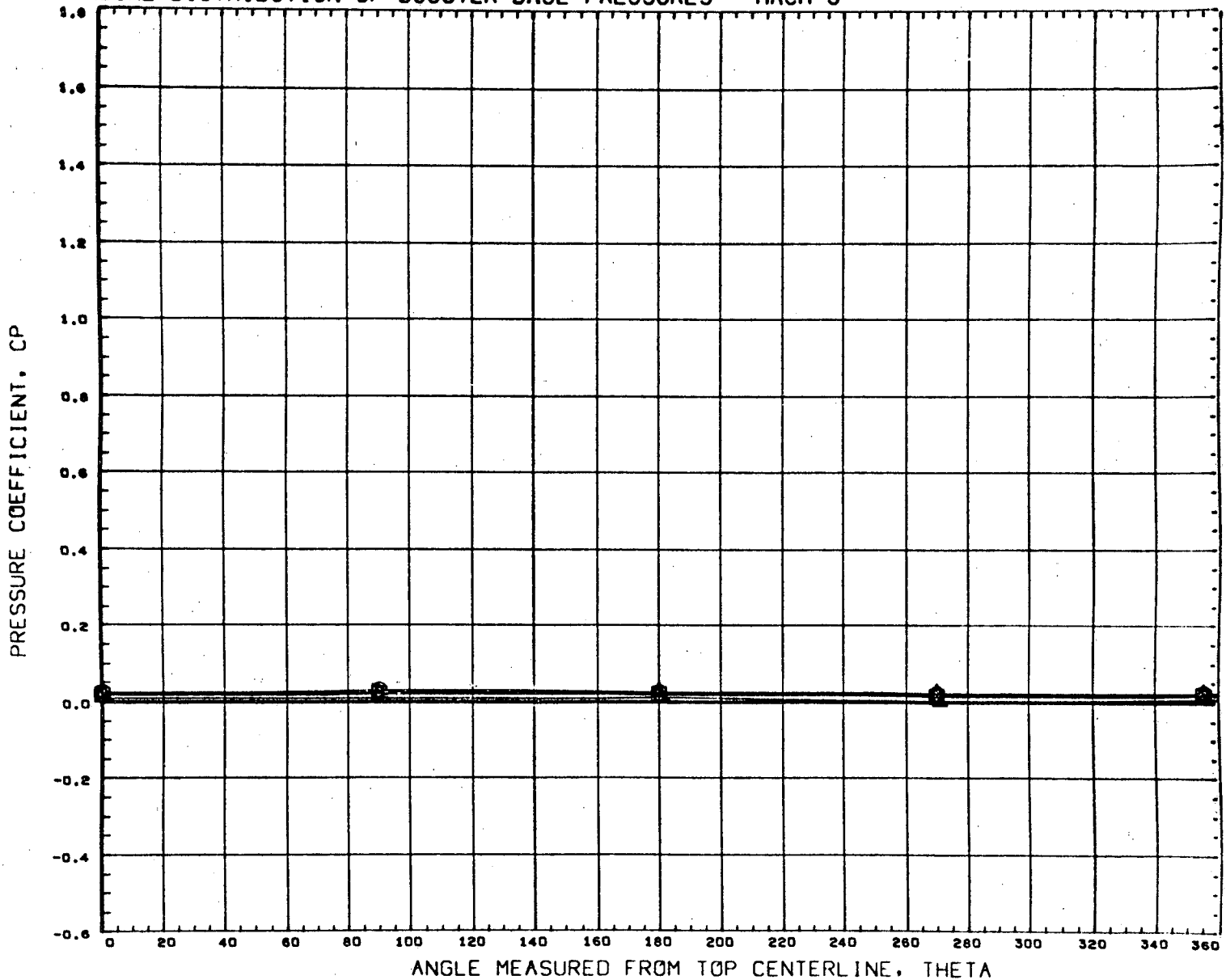
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8512•

PAGE 1594

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.228
◇	- 0.143		
◇	- 0.020		
◇	0.103		
◇	0.227		
◇	0.390		

REFERENCE FILE

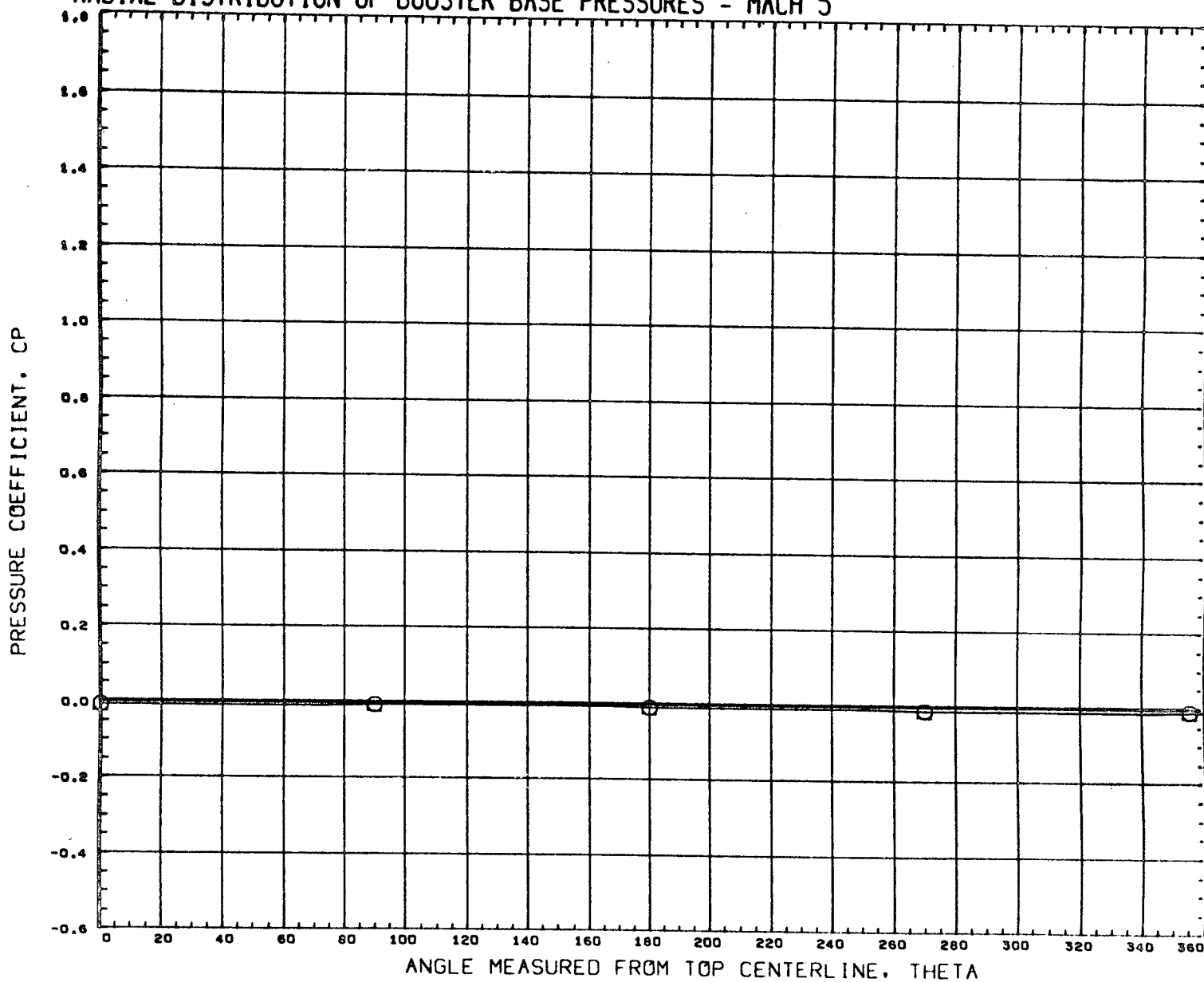
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.888
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8512•

PAGE 1595

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.920 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.088
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

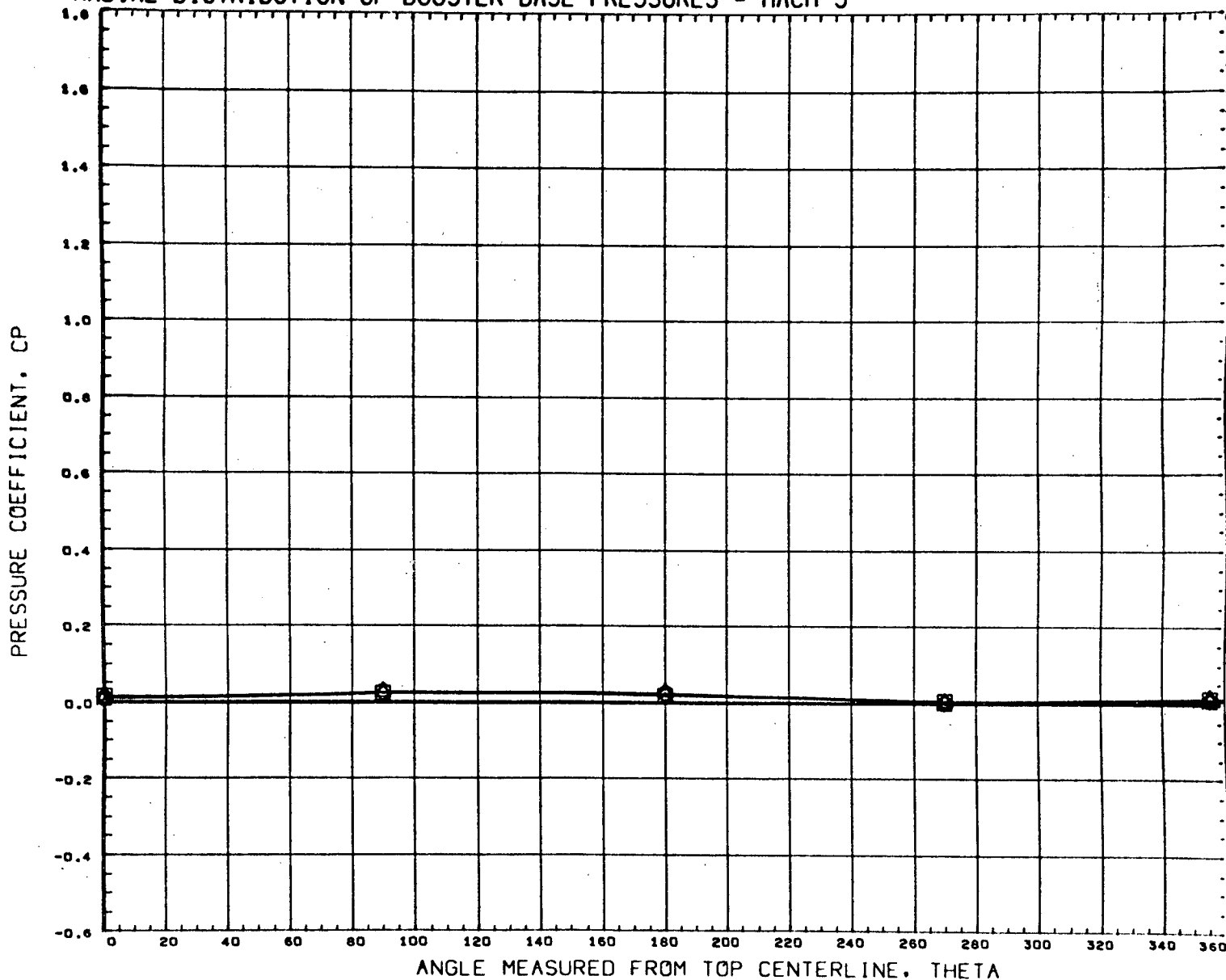
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8512•

PAGE 1596

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.050
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

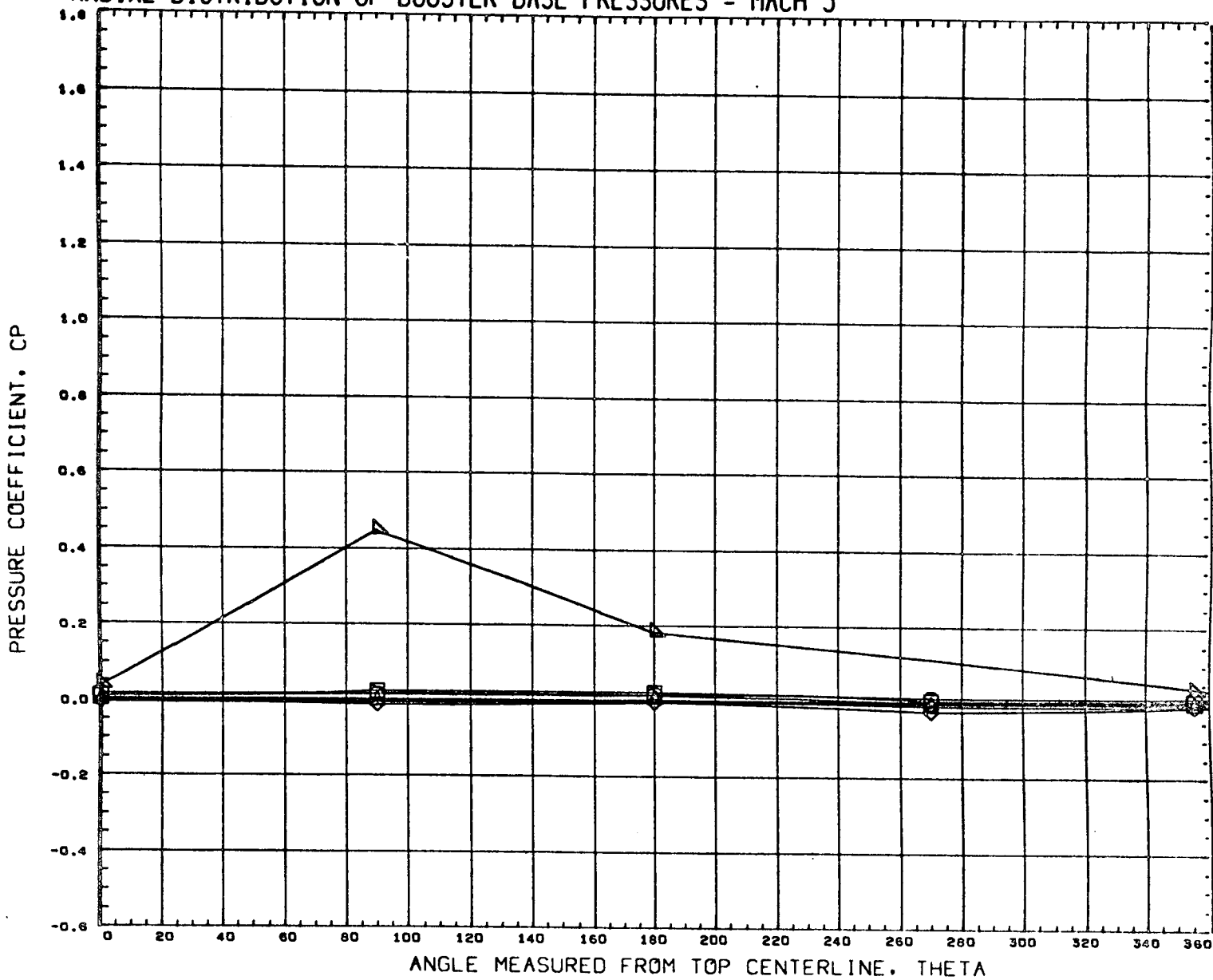
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8513•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
△	0.390	1.000	0.120
□	0.143		
○	0.020		
	0.103		
	0.227		
	0.350		

REFERENCE FILE

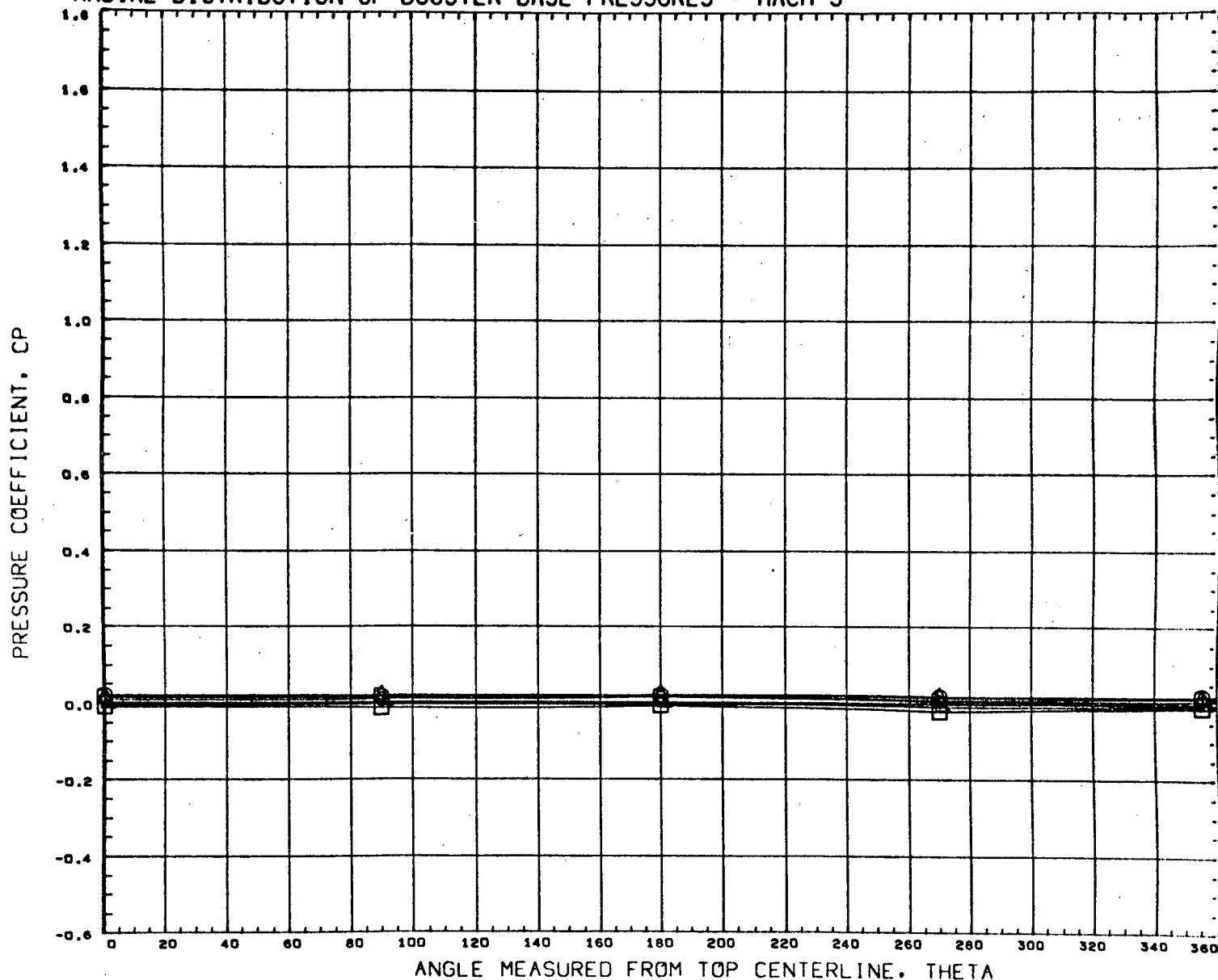
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.090
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8513•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.161
◇	- 0.143		
△	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES

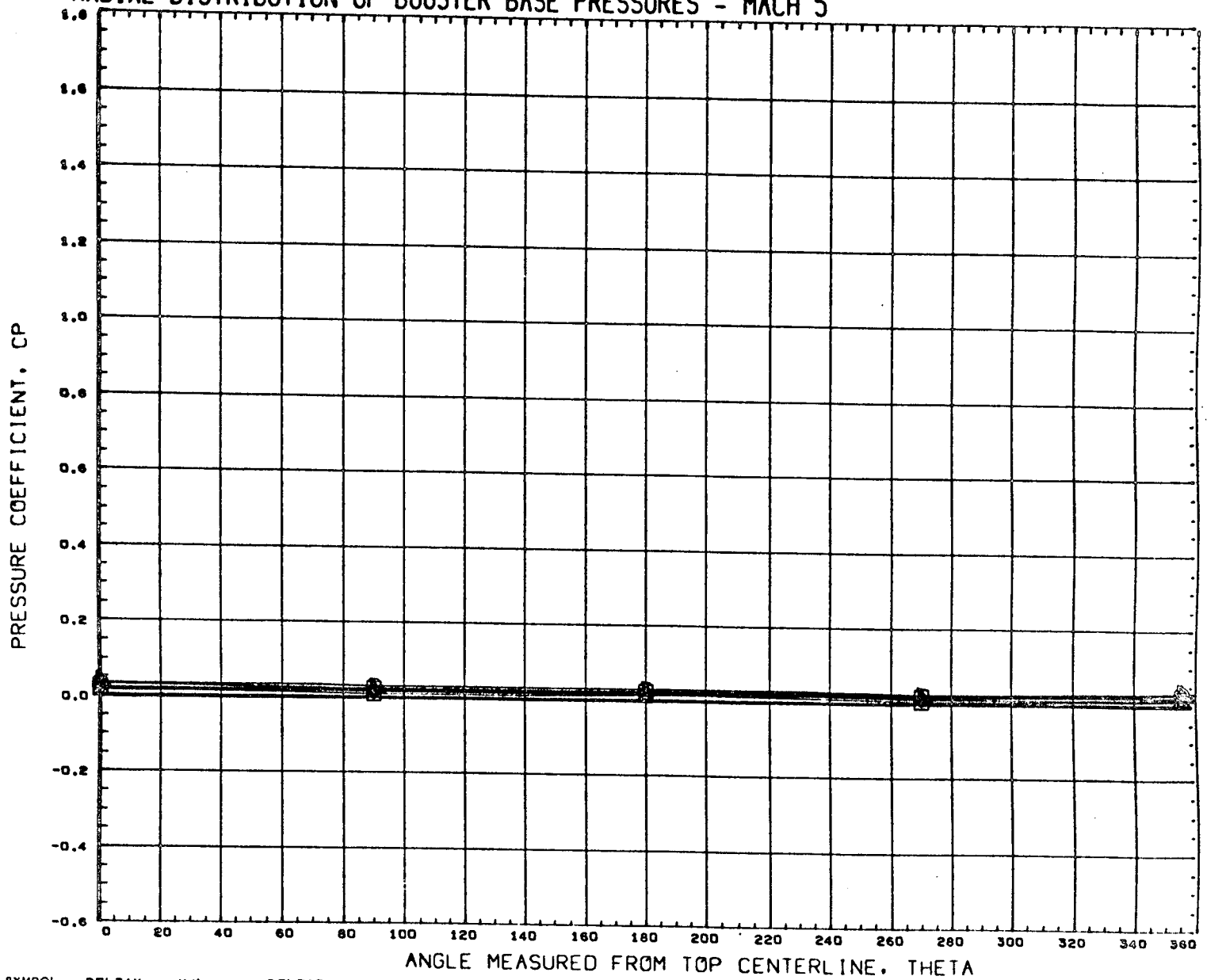
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8513•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.390		

REFERENCE FILE

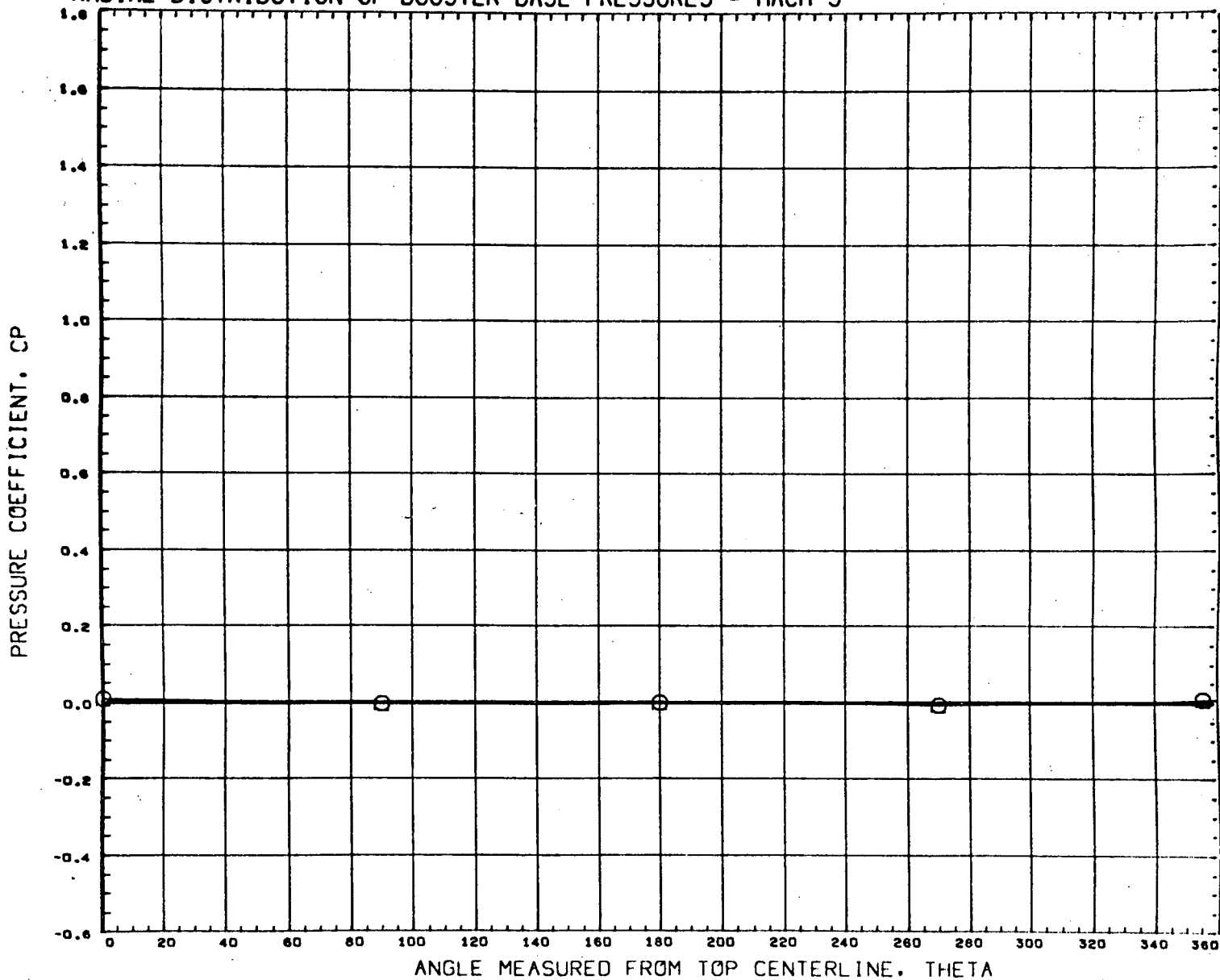
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.050
MACH	4.940	ALPHA T	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8513•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.520	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.030
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

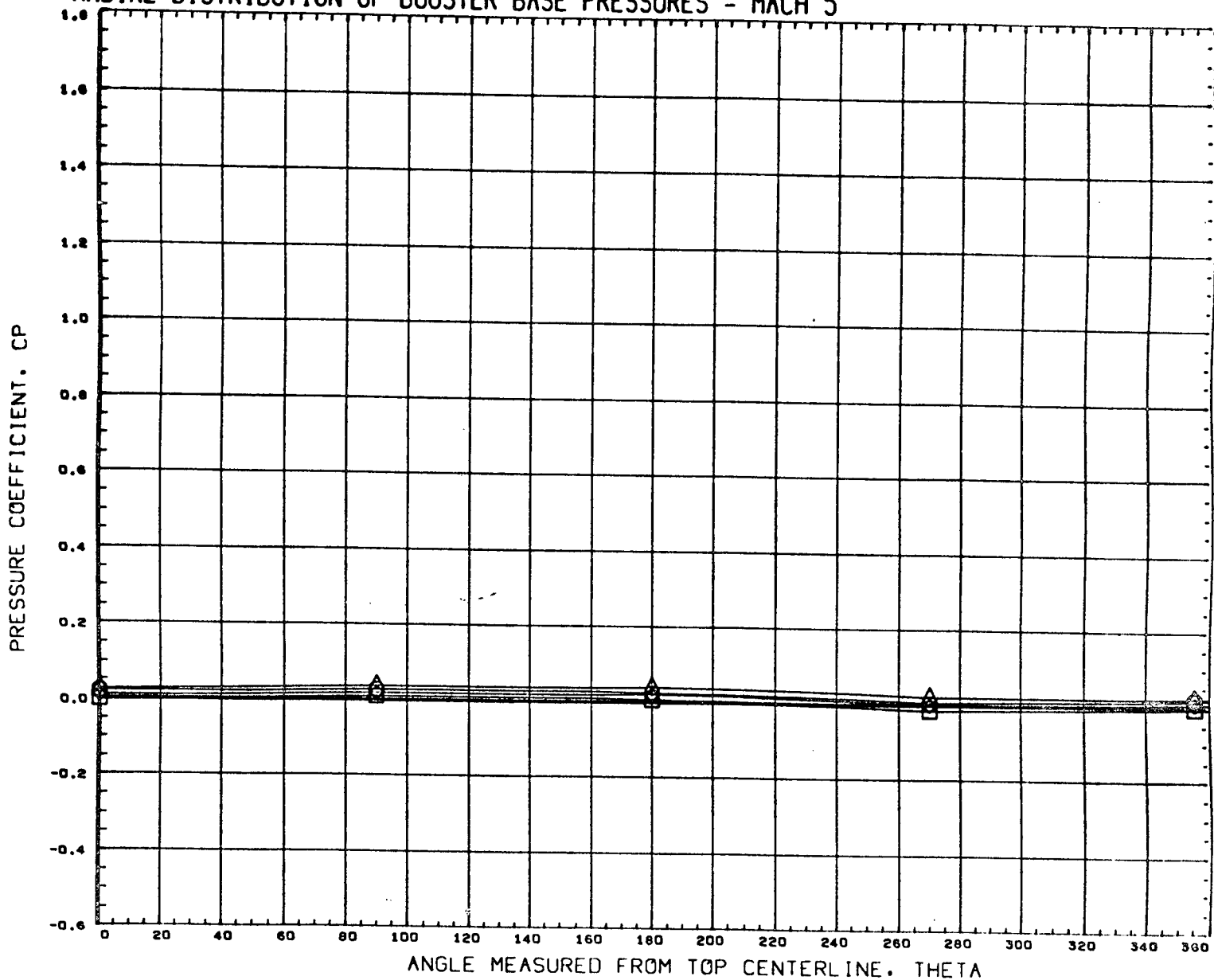
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8513•

PAGE 1601

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

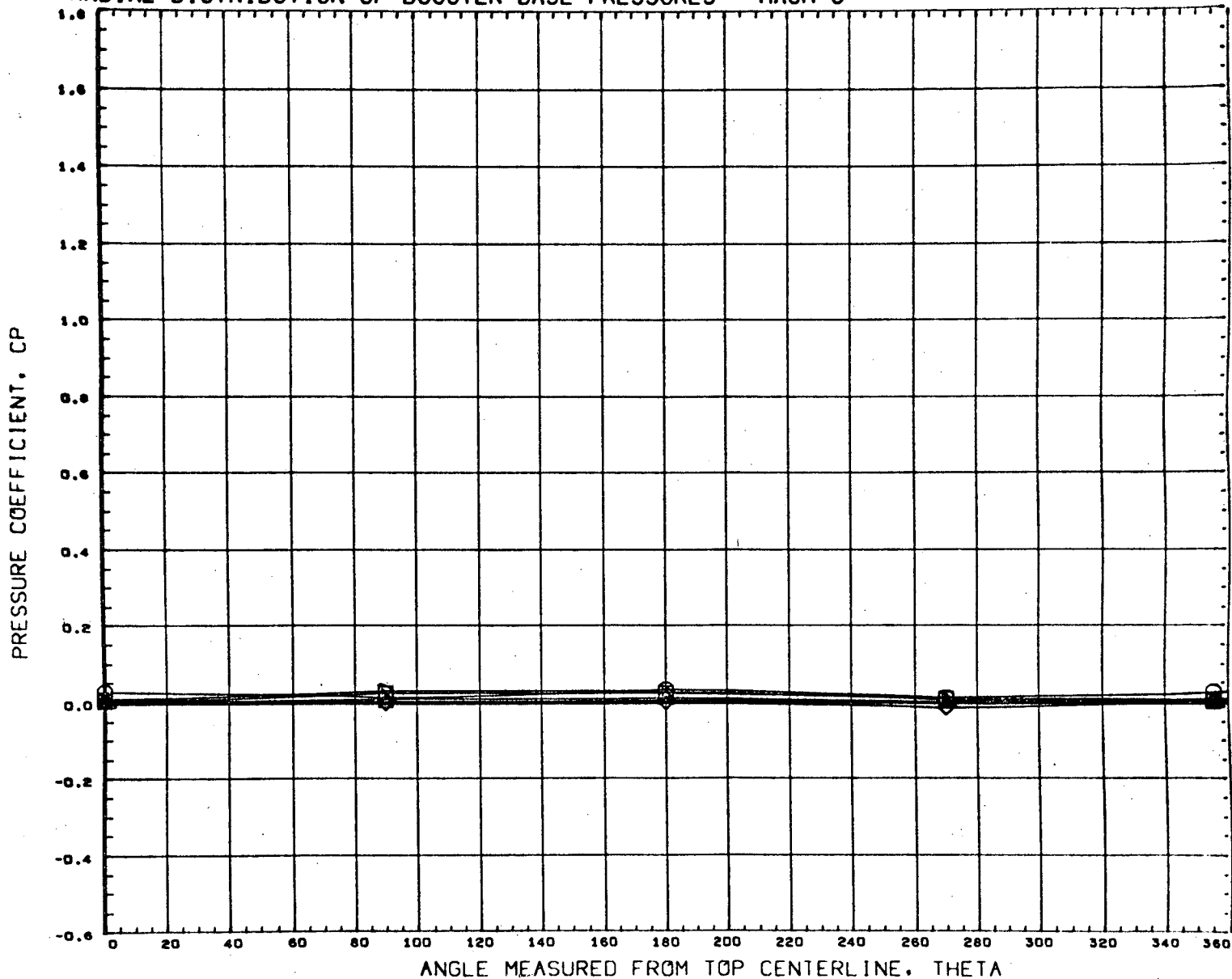
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8514•

PAGE 1602

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

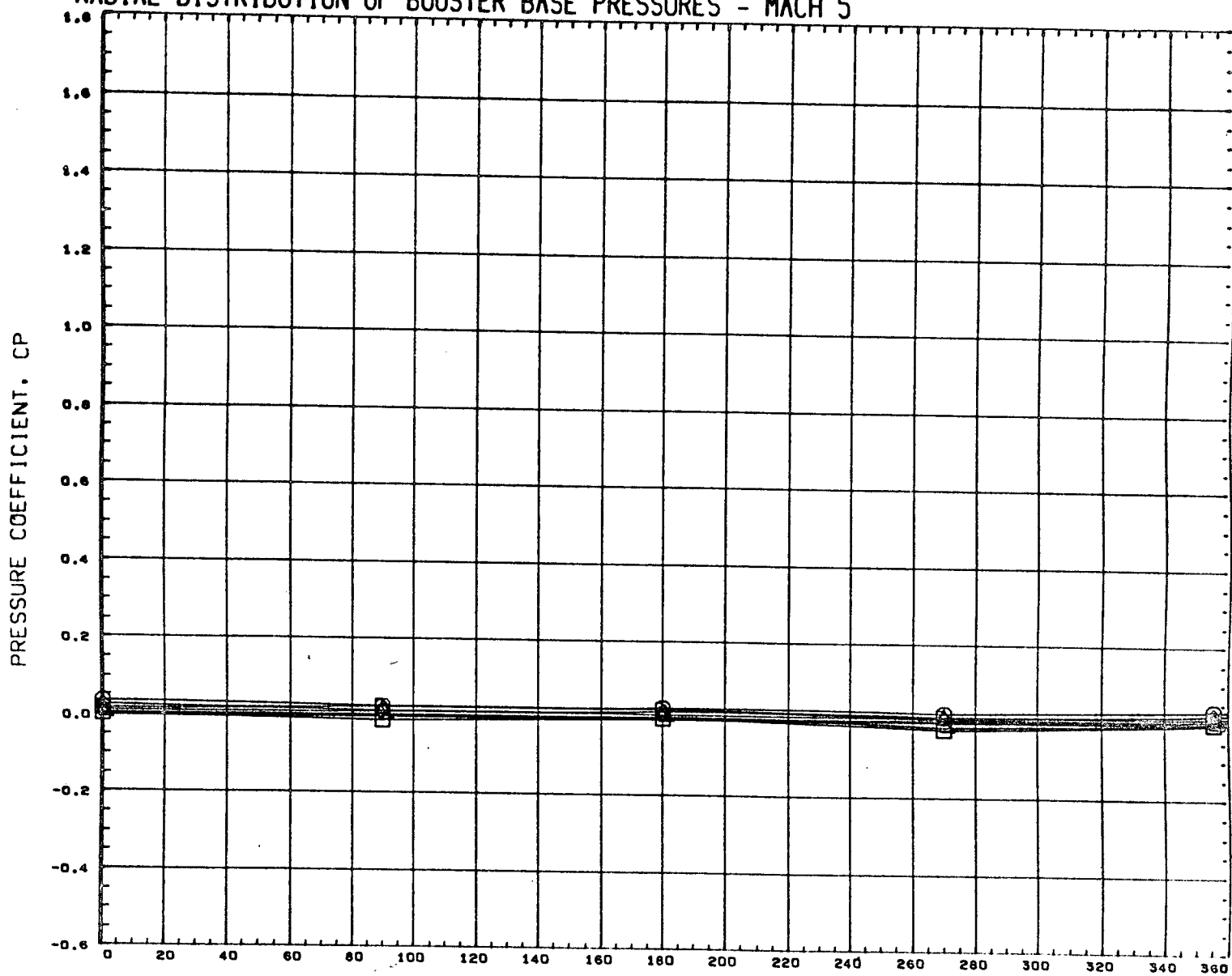
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

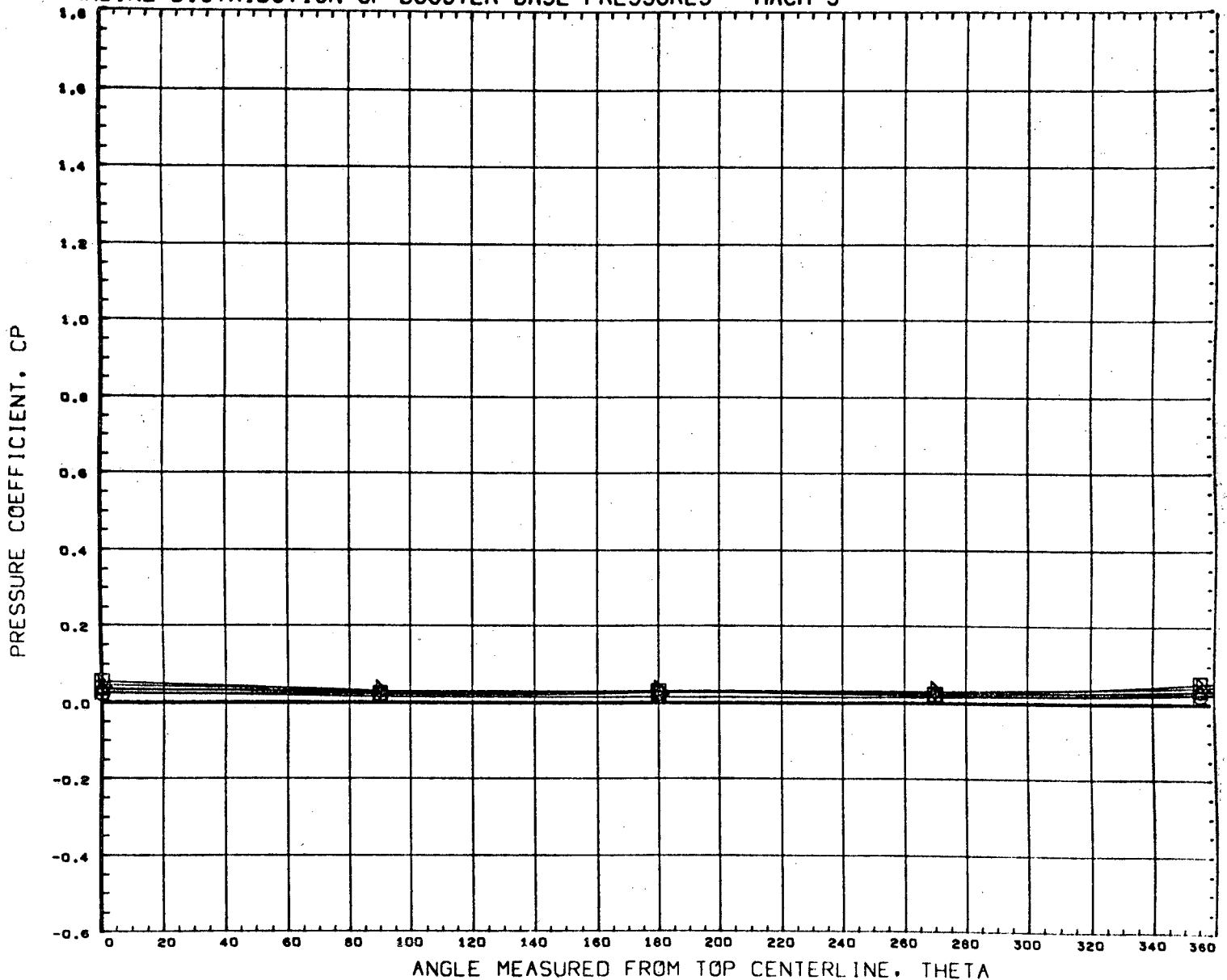
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.020
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

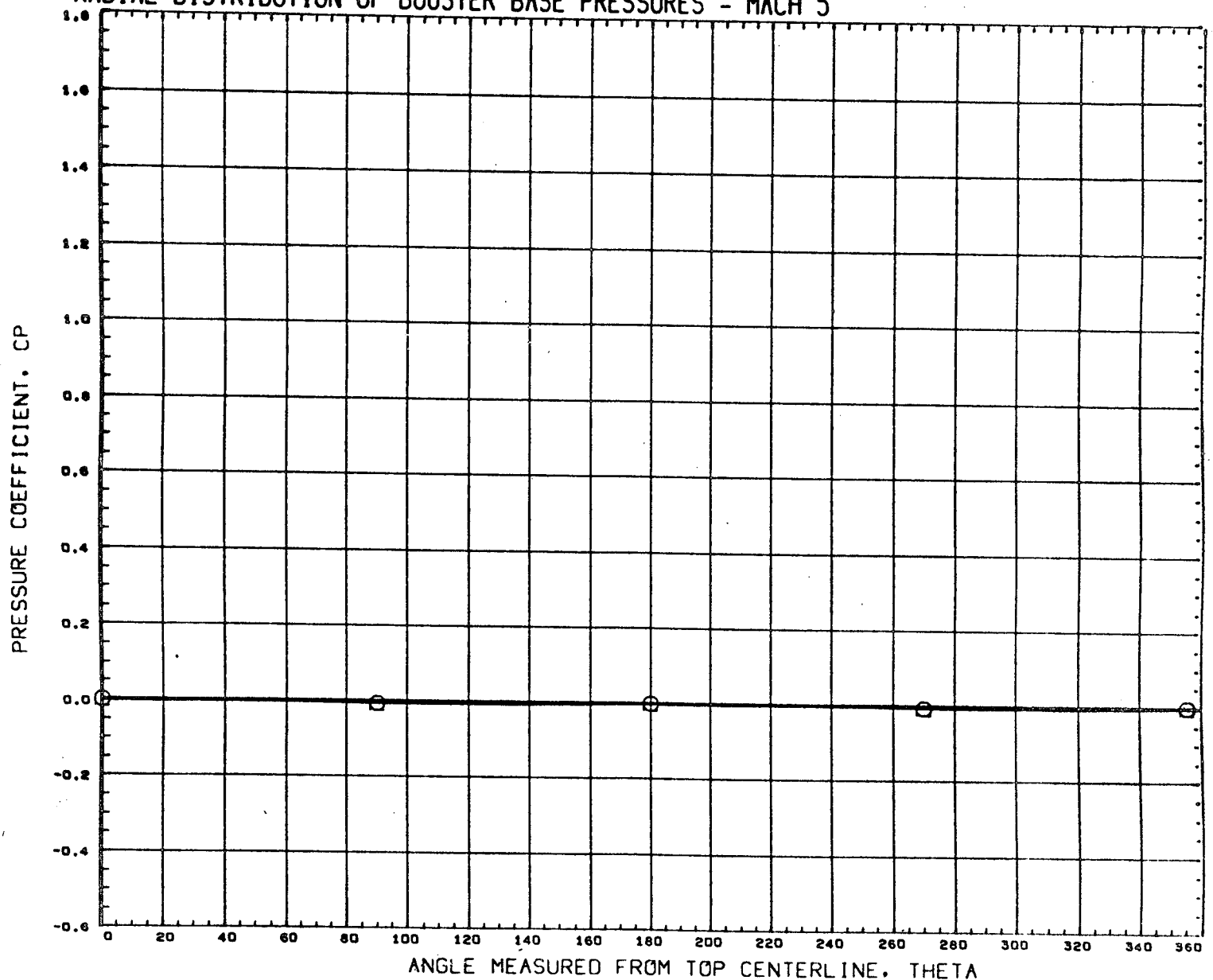
AEDC VA1163 MDAC BOOSTER (BASE)

•ET8514•

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C. 10

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \square DELTAX 0.520 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 9.020
 MACH 4.940 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

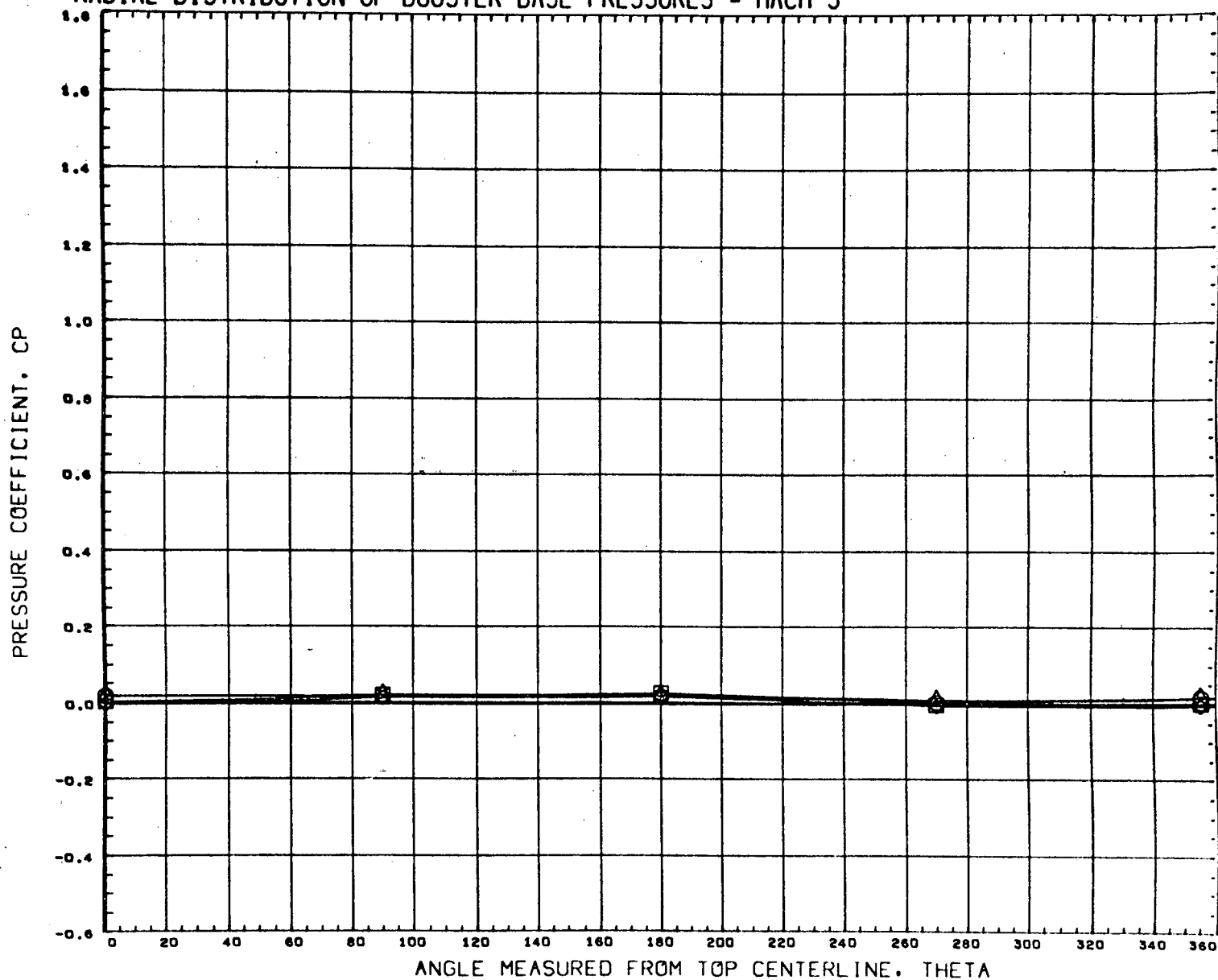
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

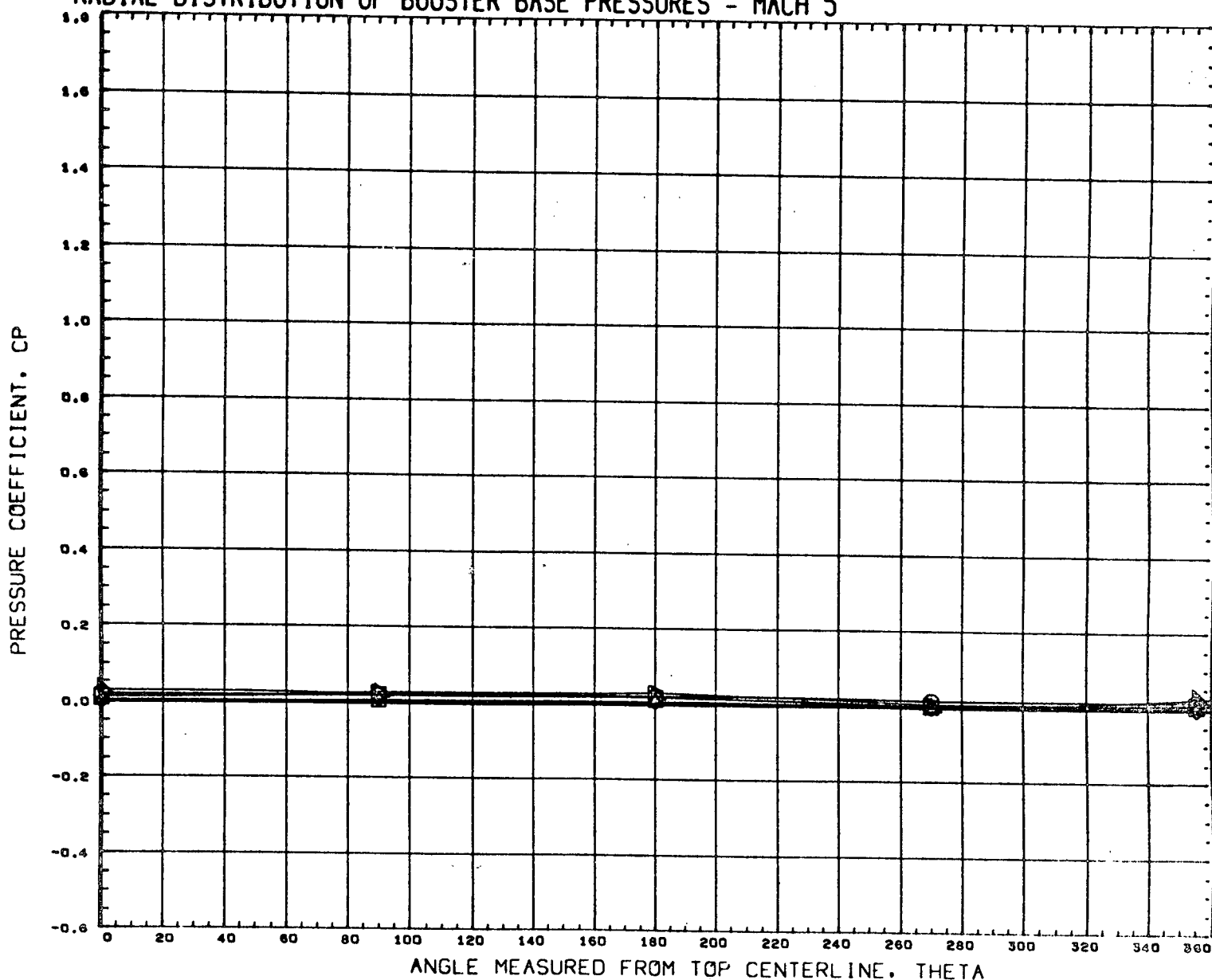
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8515•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.120
◇	0.143		
◊	0.020		
◻	0.103		
◼	0.227		
◽	0.330		

REFERENCE FILE

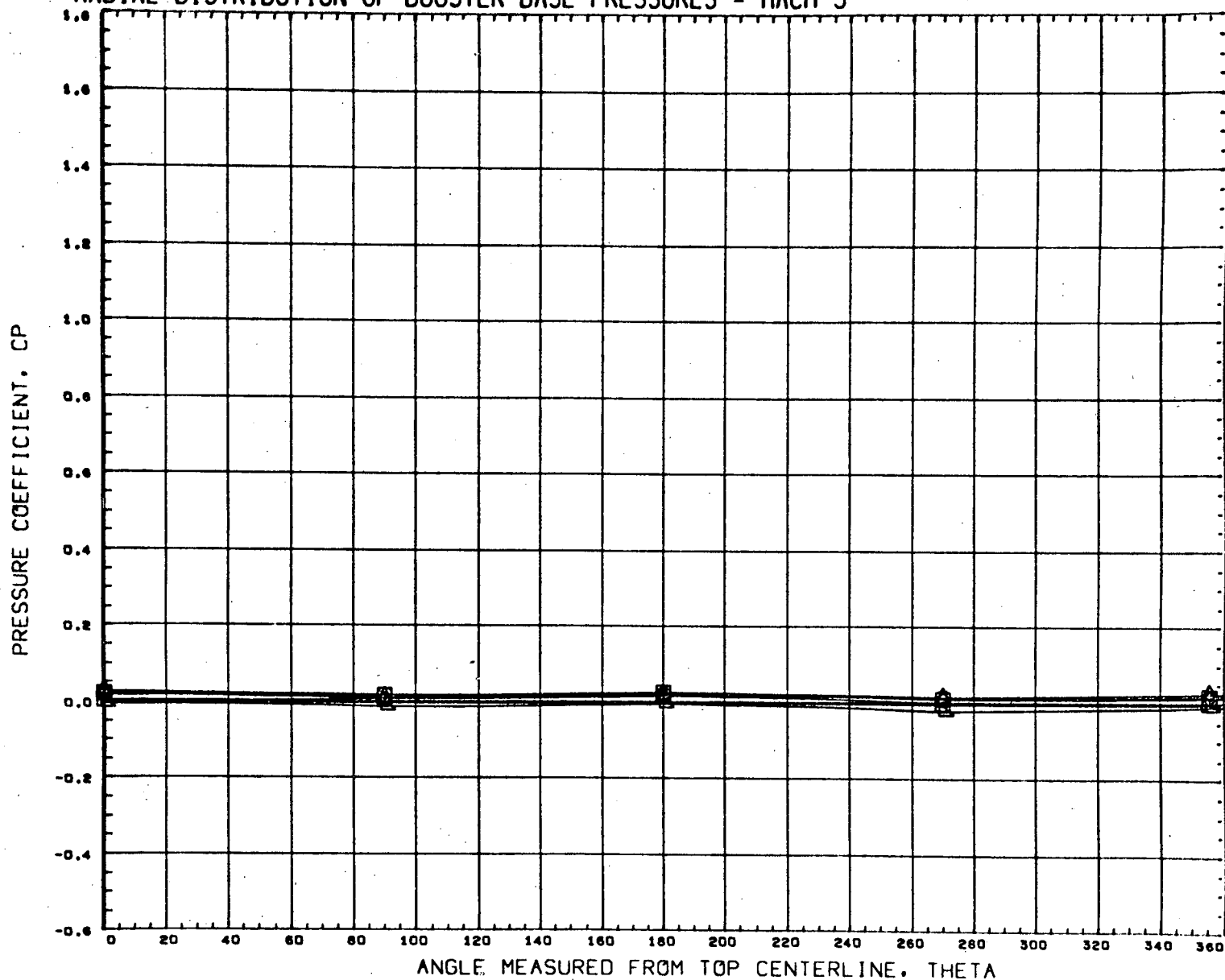
PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.000
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

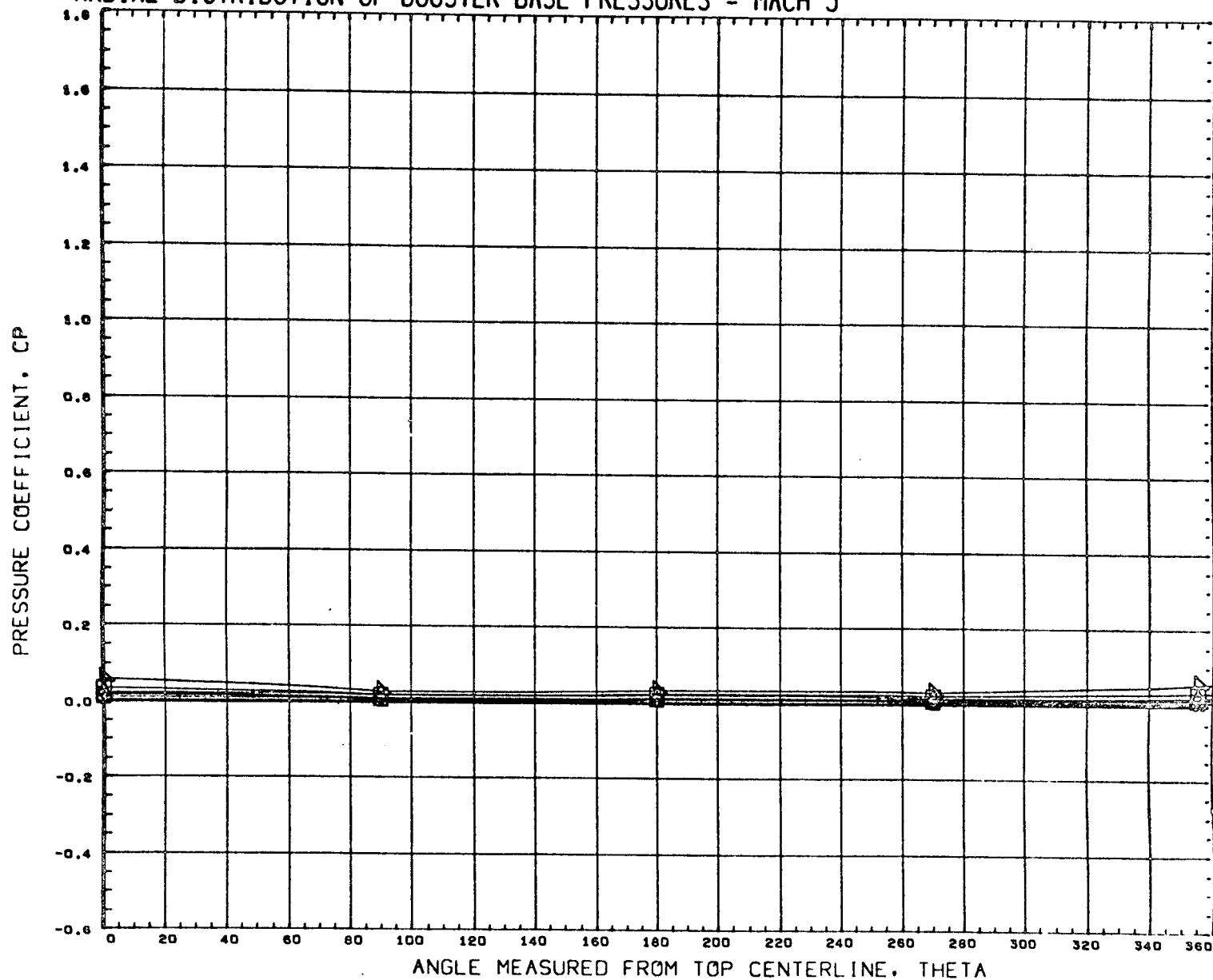


SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.151
◇	- 0.143		
◇	- 0.020		
◇	0.103		
◇	0.227		
◇	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.228
□	0.143		
◇	0.020		
△	0.103		
—	0.227		
—	0.390		

REFERENCE FILE

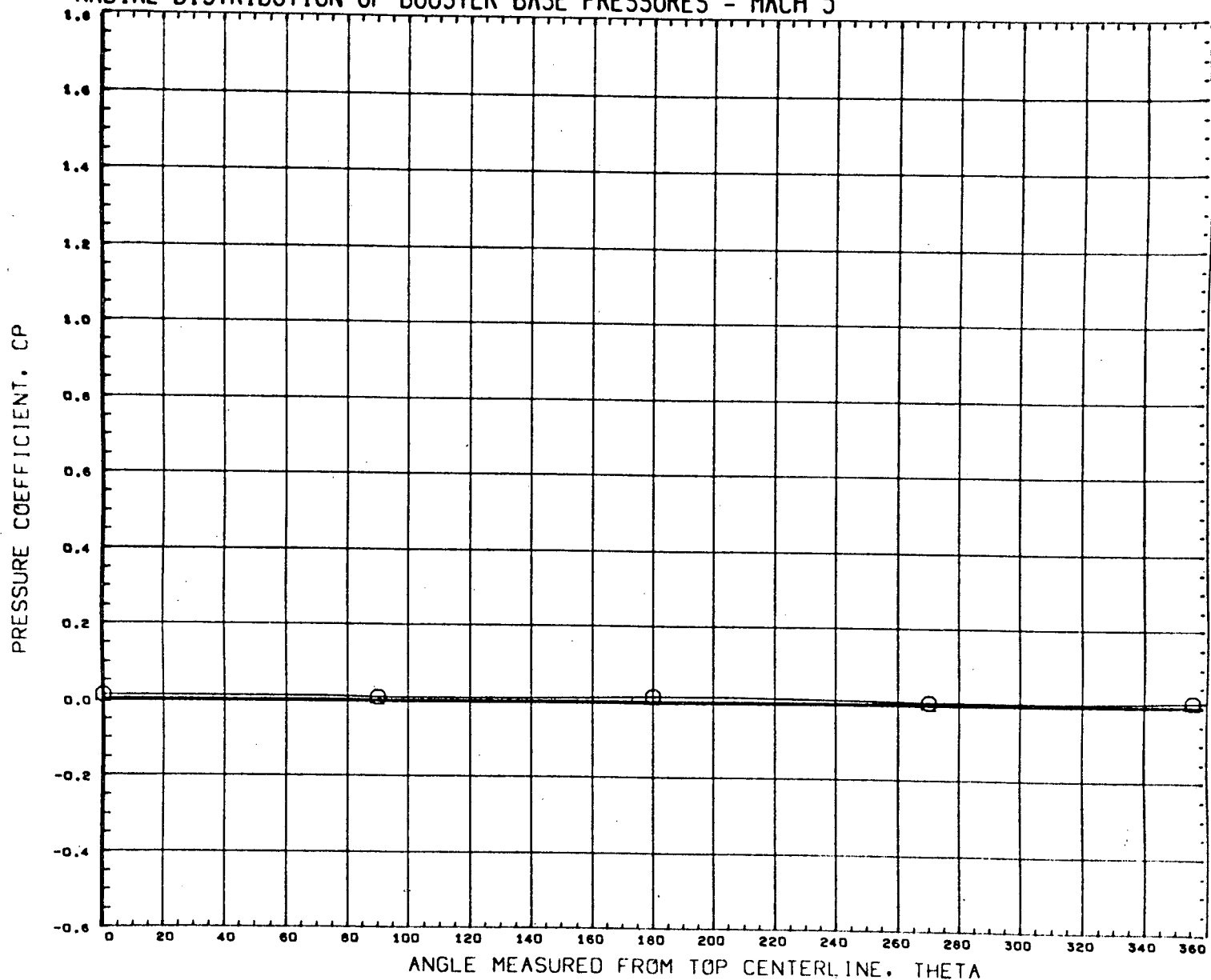
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.003
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.520	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.063
MACH	4.940	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

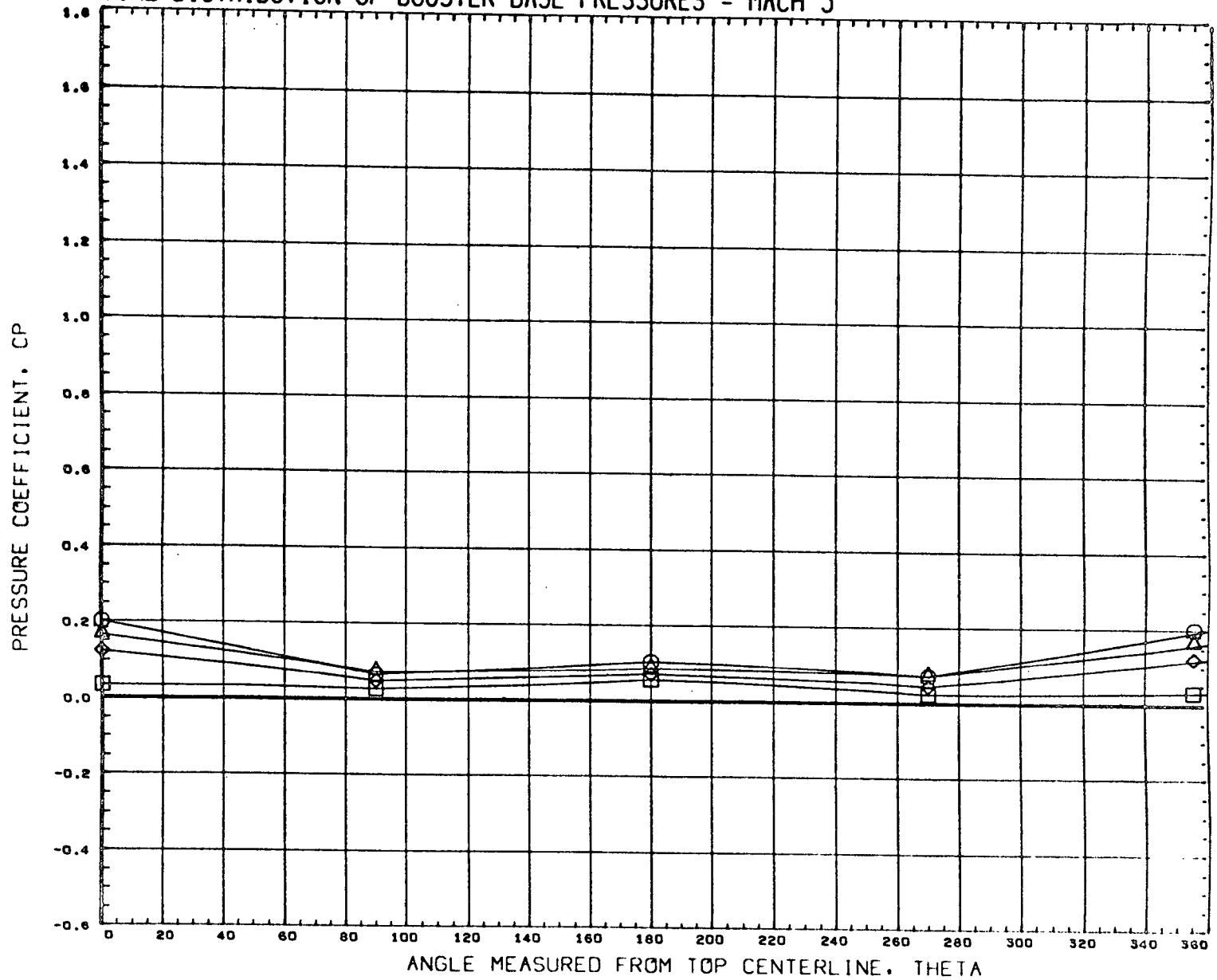
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8515•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.932
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

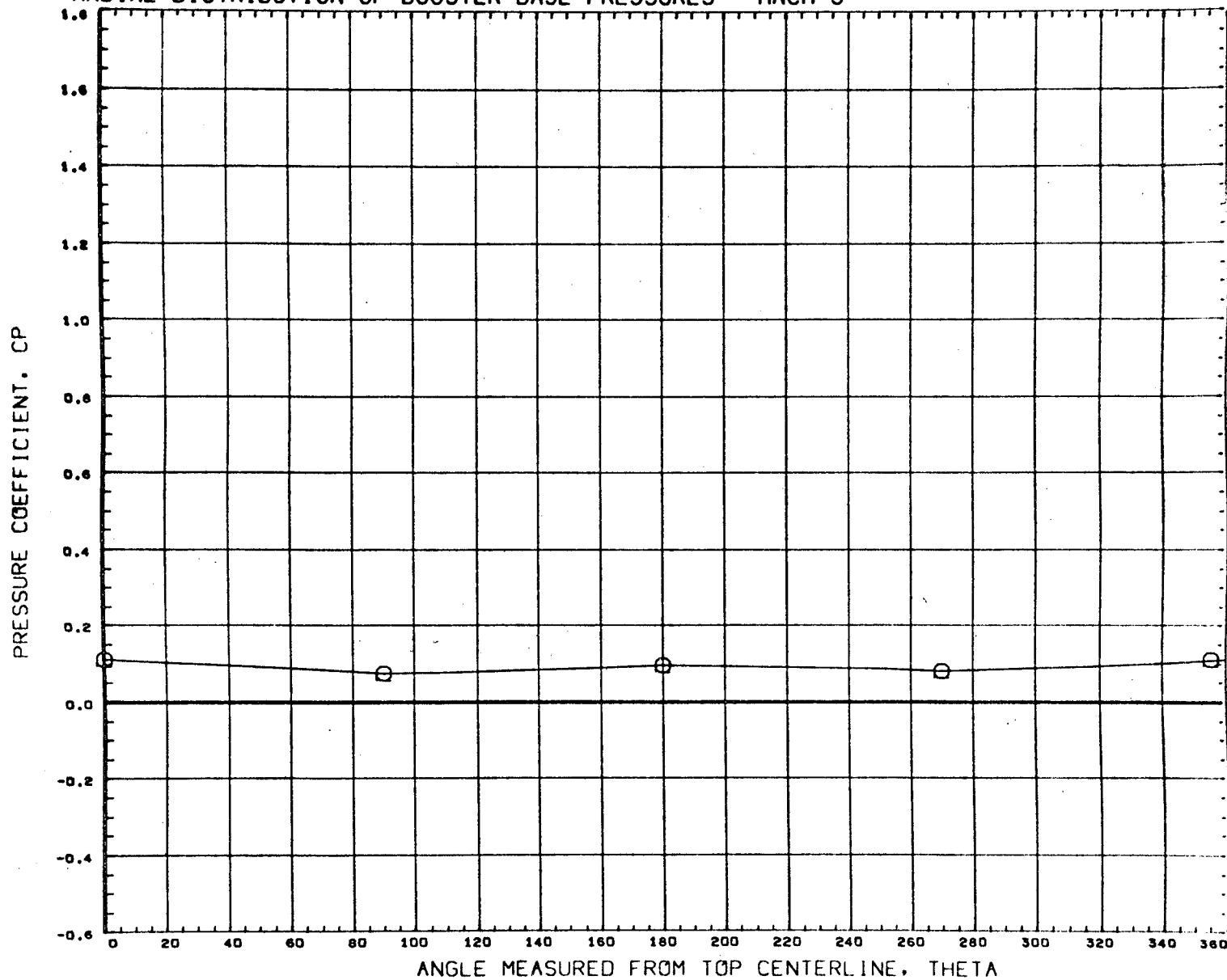
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8521•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.520 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.932
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

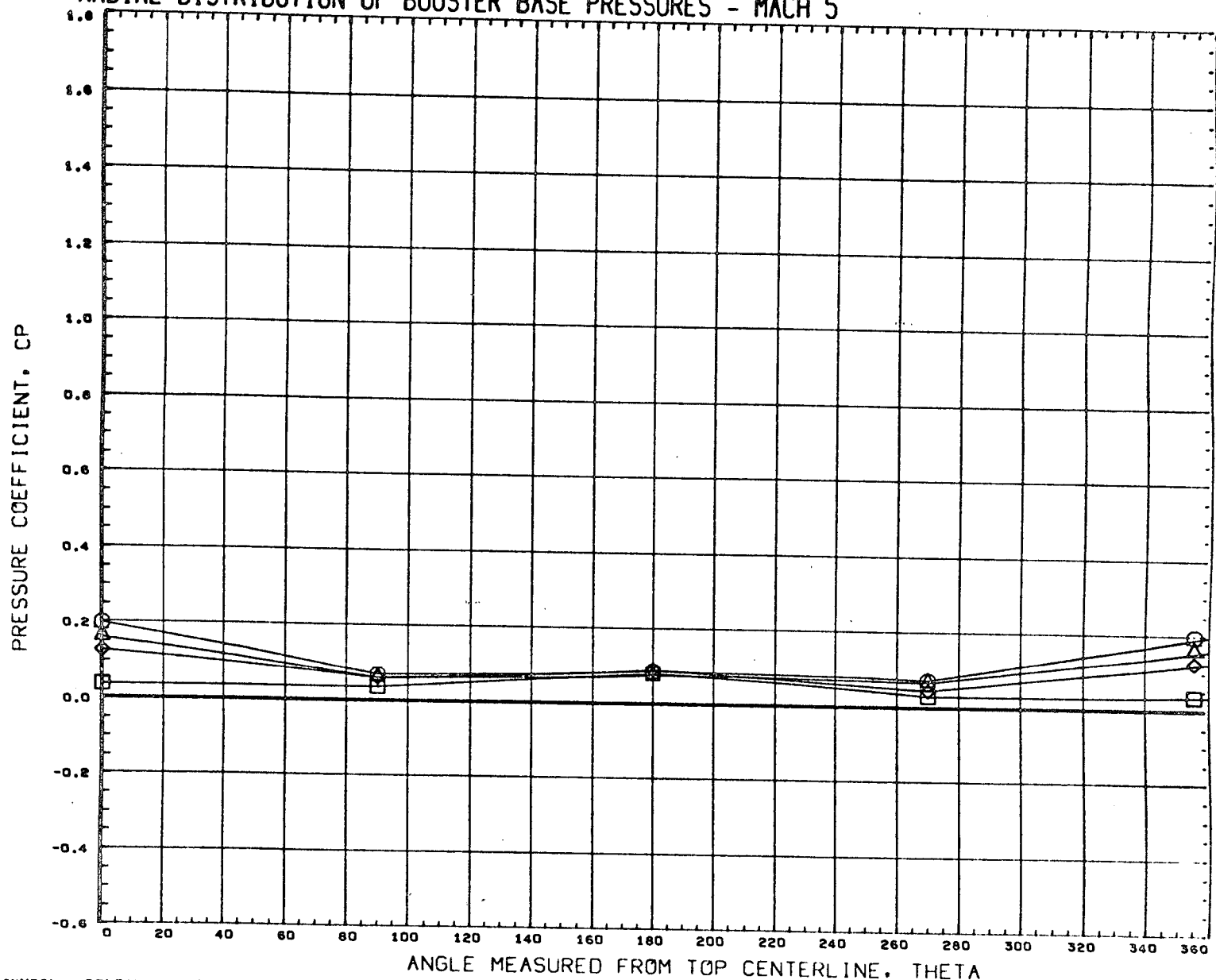
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.908
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

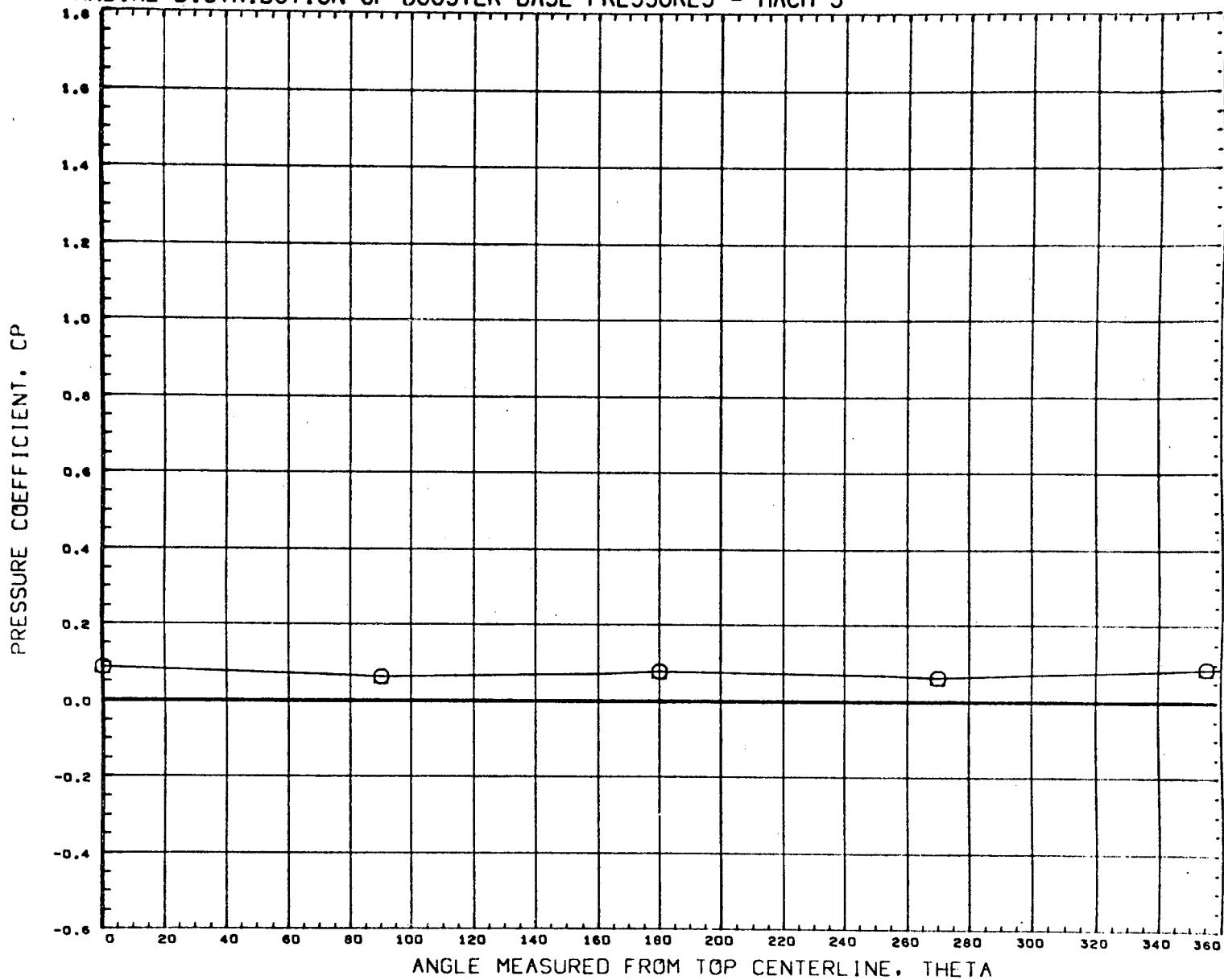
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8522•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.320 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.908
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

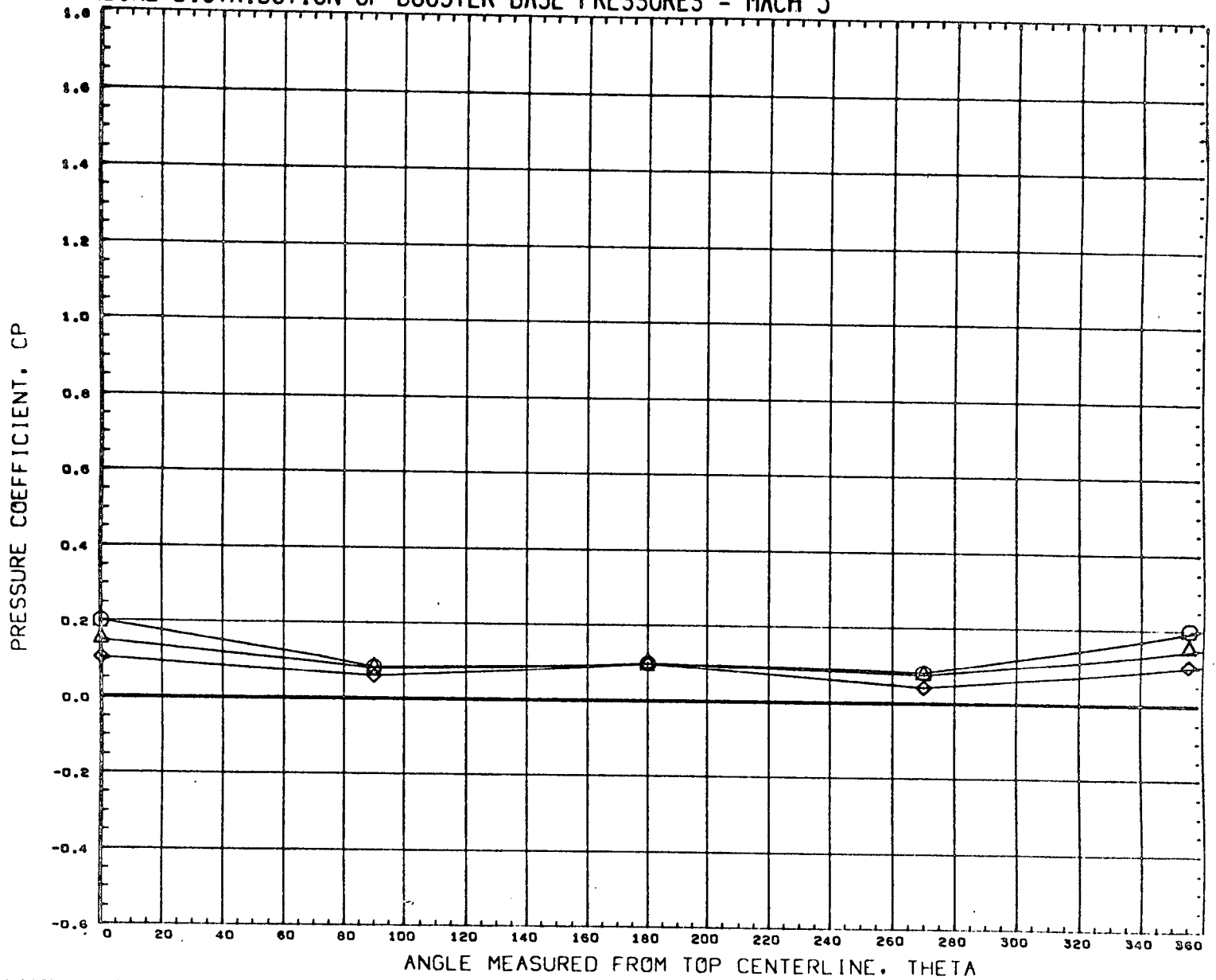
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8522•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.169		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

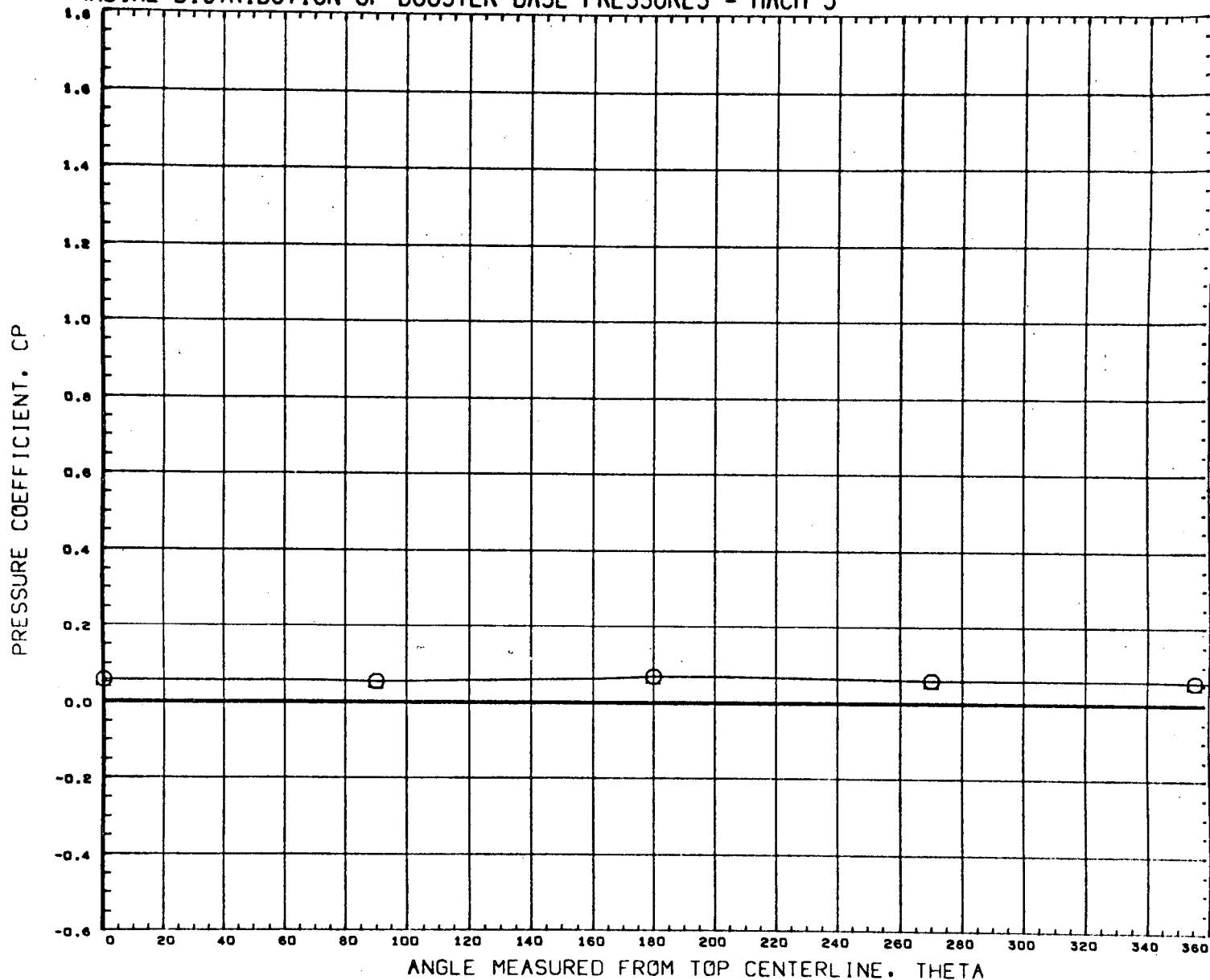
AEDC VA1163 MDAC BOOSTER (BASE)

•ET8523•

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9a-wd

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.520	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

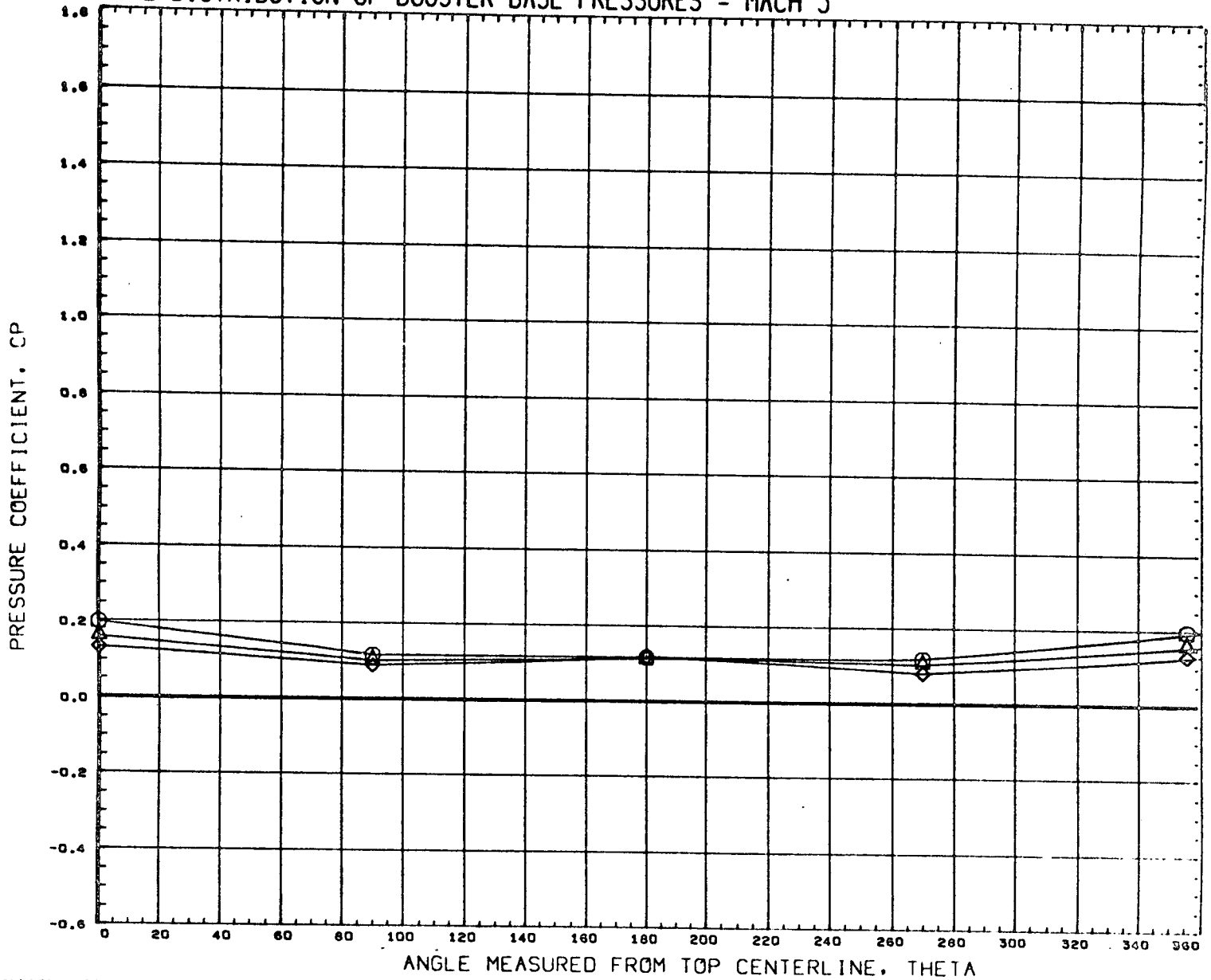
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.012
MACH	4.940	ALPHA A	0.000
ORBPOW	50.000	BSTPOW	100.000

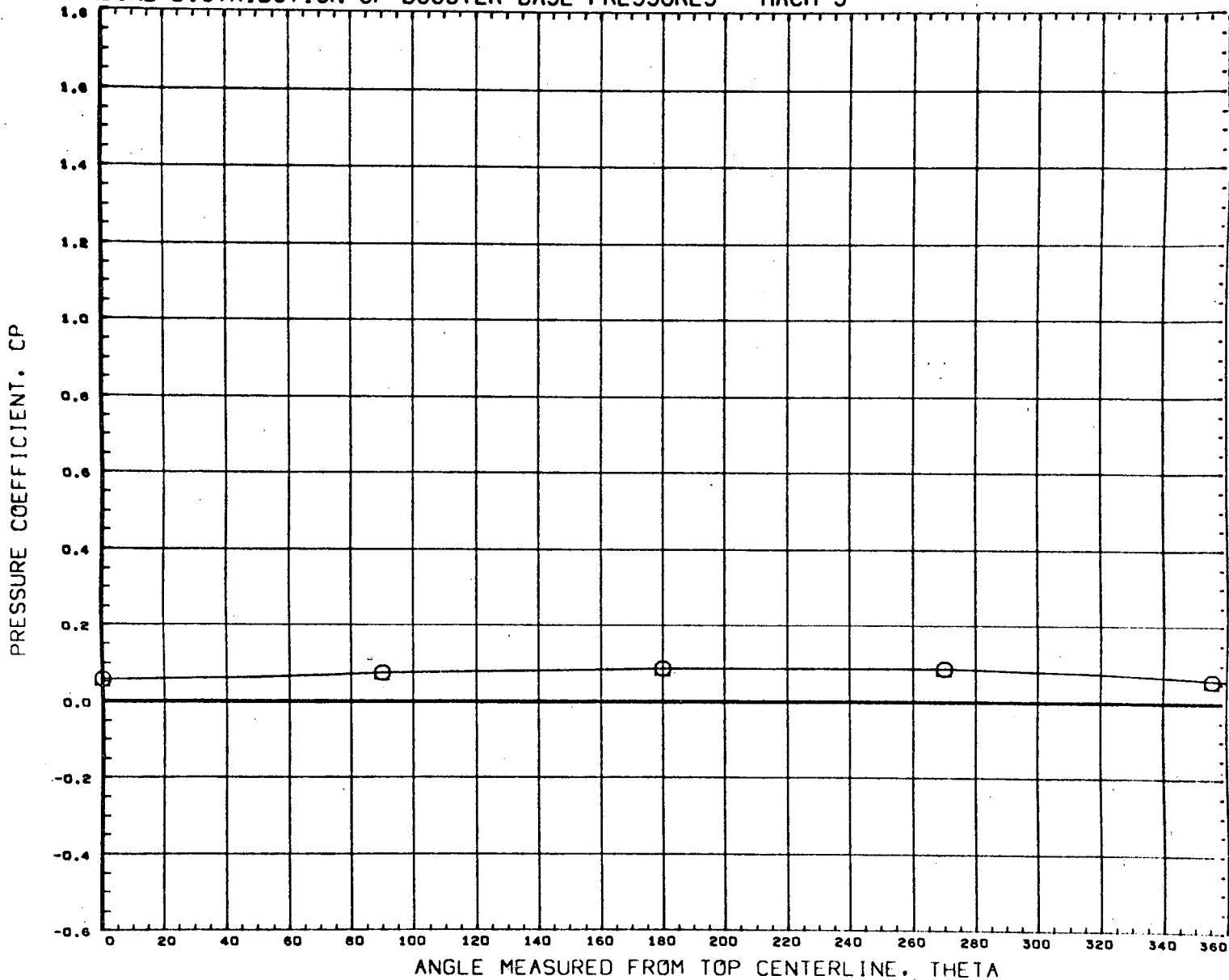
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.320	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.012
MACH	4.940	ALPHA I	0.000
ORBPOW	50.000	BSTPOW	100.000

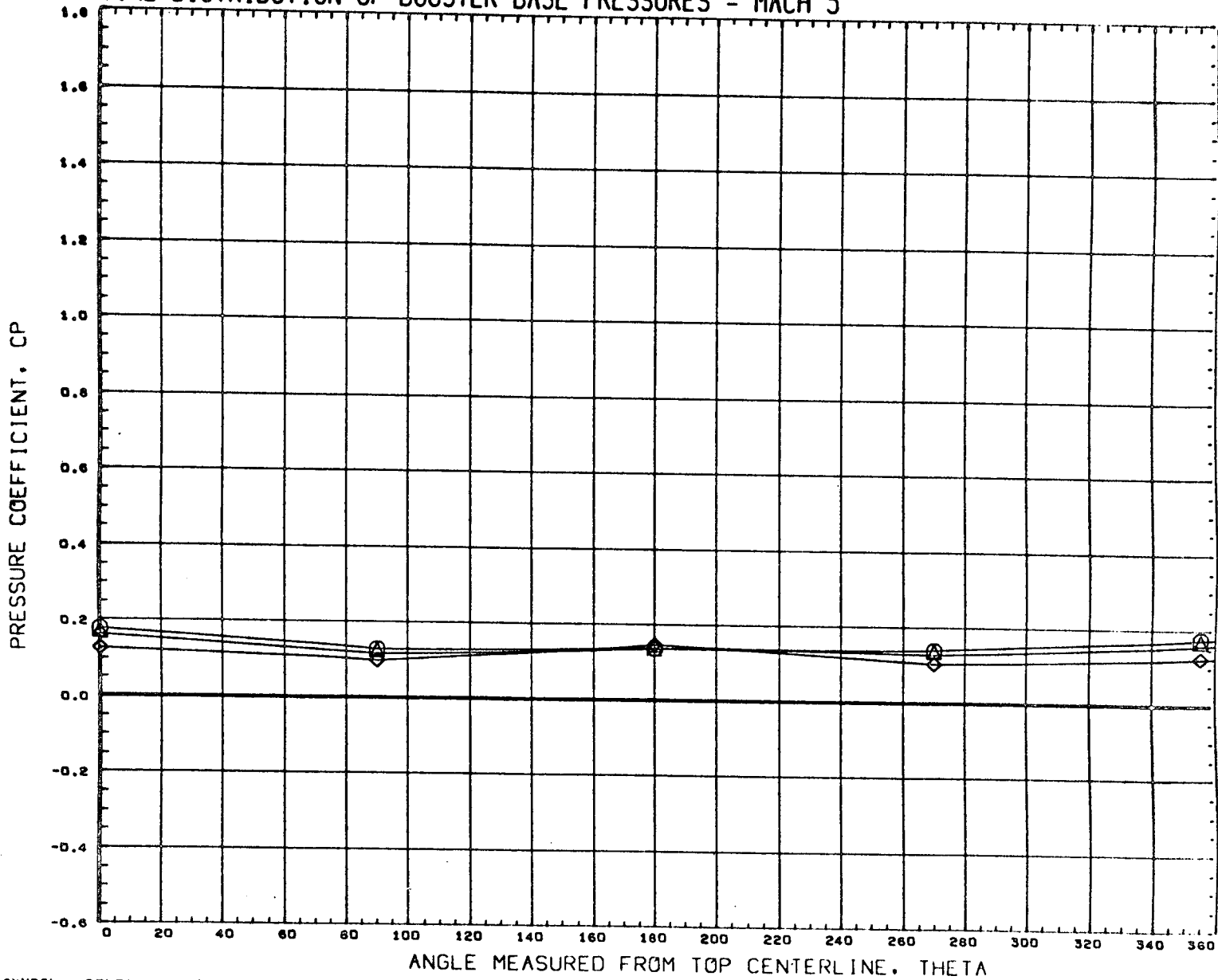
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8524•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.042
MACH	4.940	ALPHA T	0.000
ORBPOW	50.000	BSTPOW	100.000

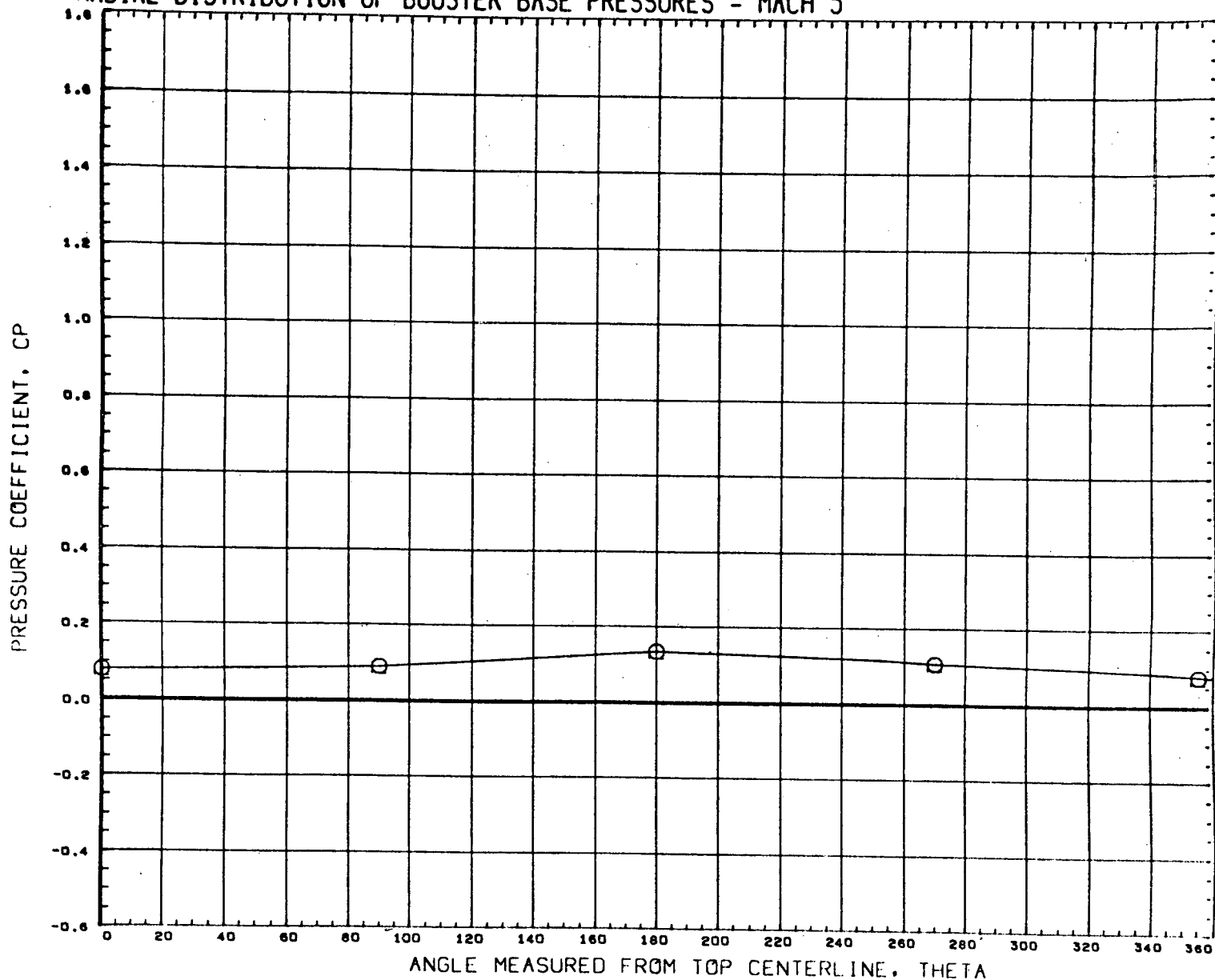
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8525•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 10.042
 MACH 4.940 ALPHAI 0.000
 ORBPOW 50.000 BSTPOW 100.000

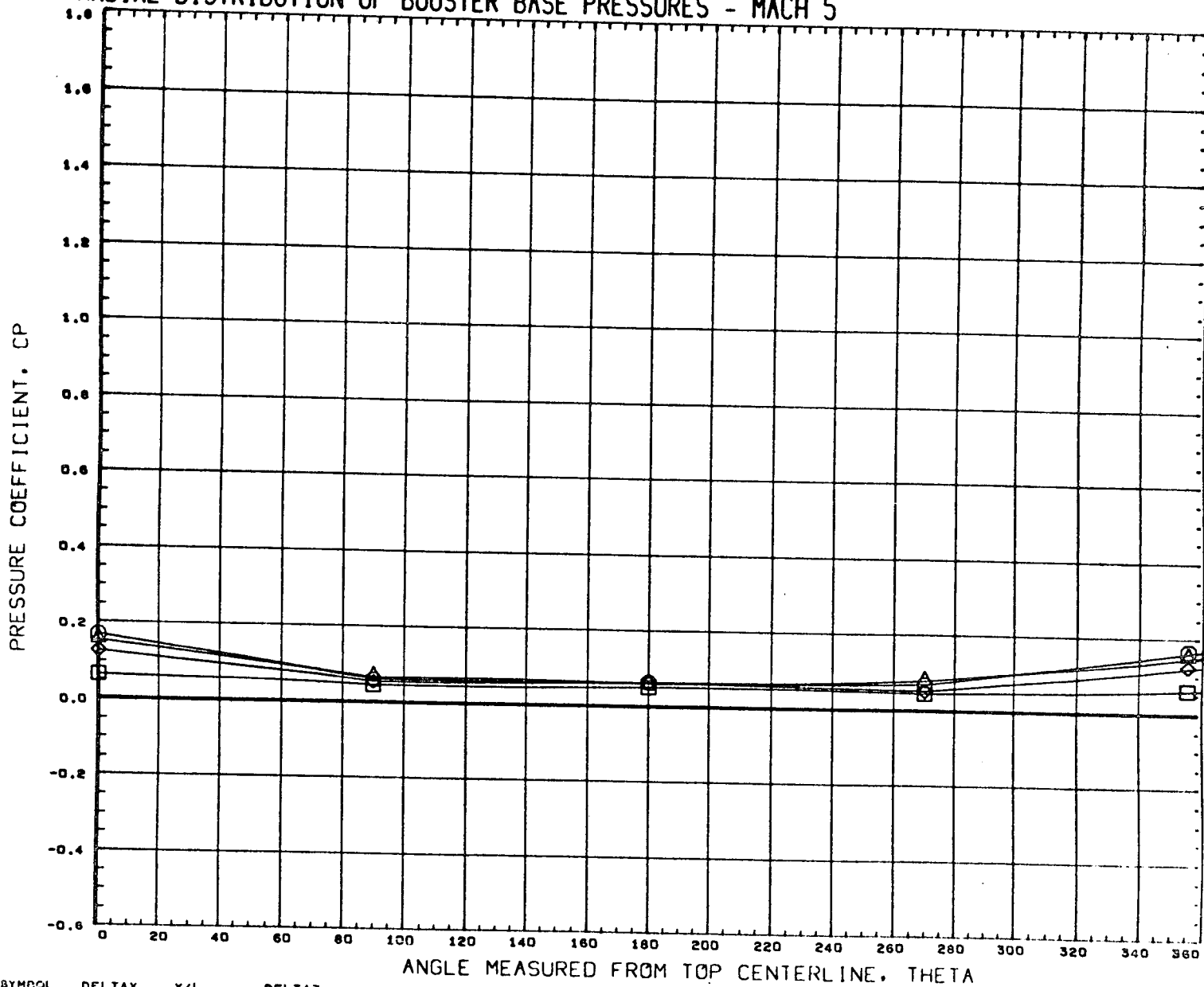
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8525•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 9.919
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

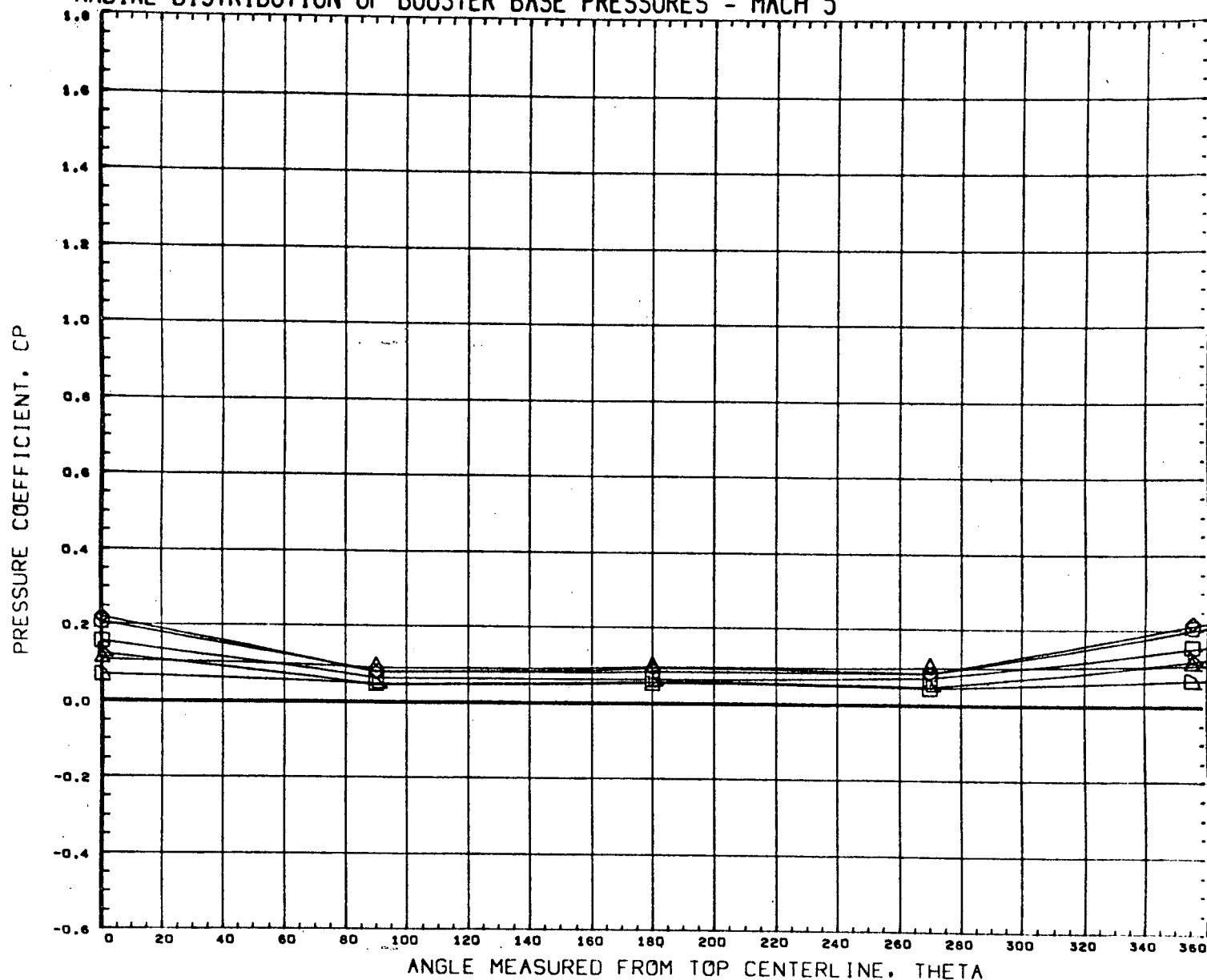
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8531•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

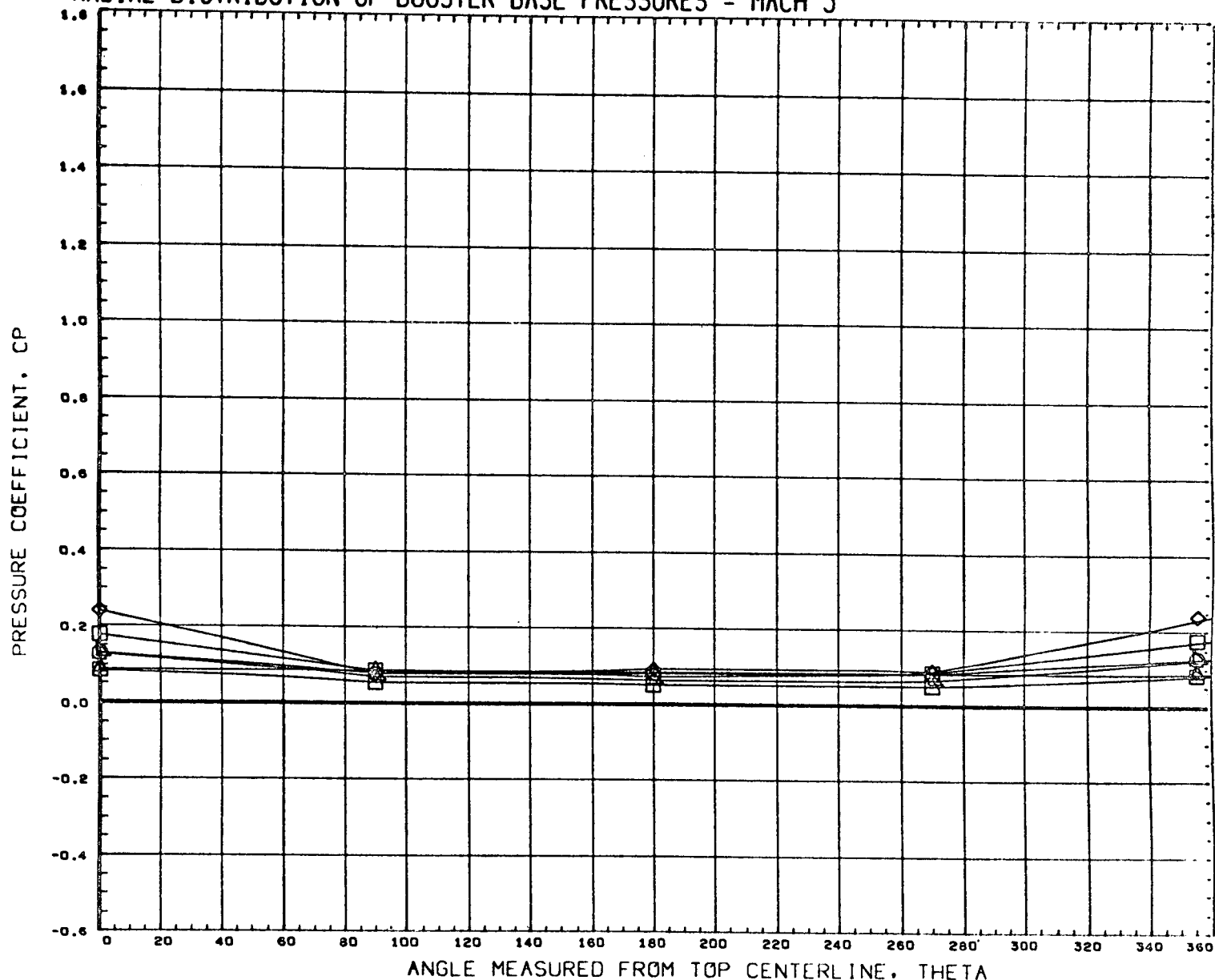


SYMBOL	DELTAX	X/L	DELTAZ
○	- 0.390	1.000	0.120
◇	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.390		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.330		

REFERENCE FILE

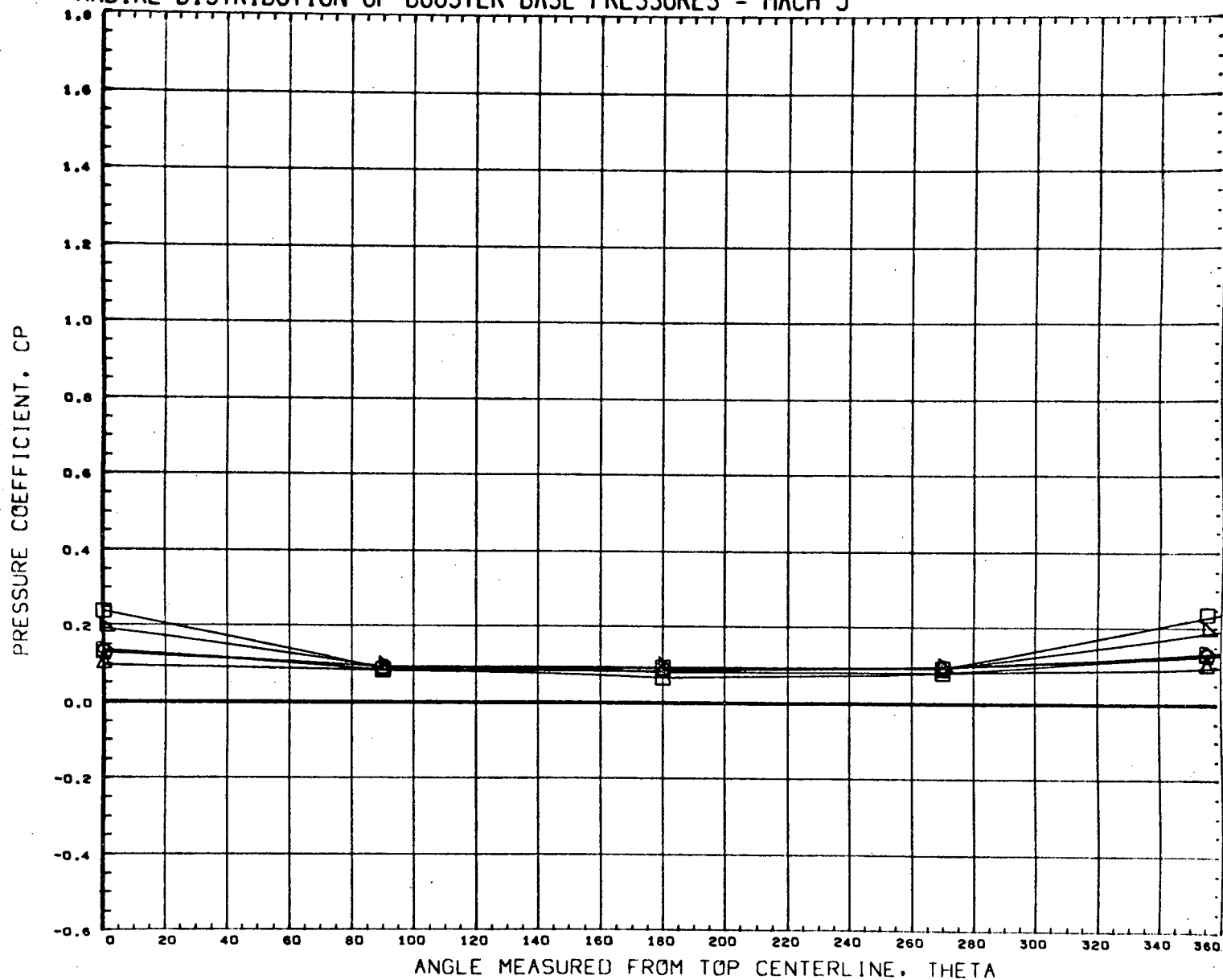
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 0.910
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BASE)

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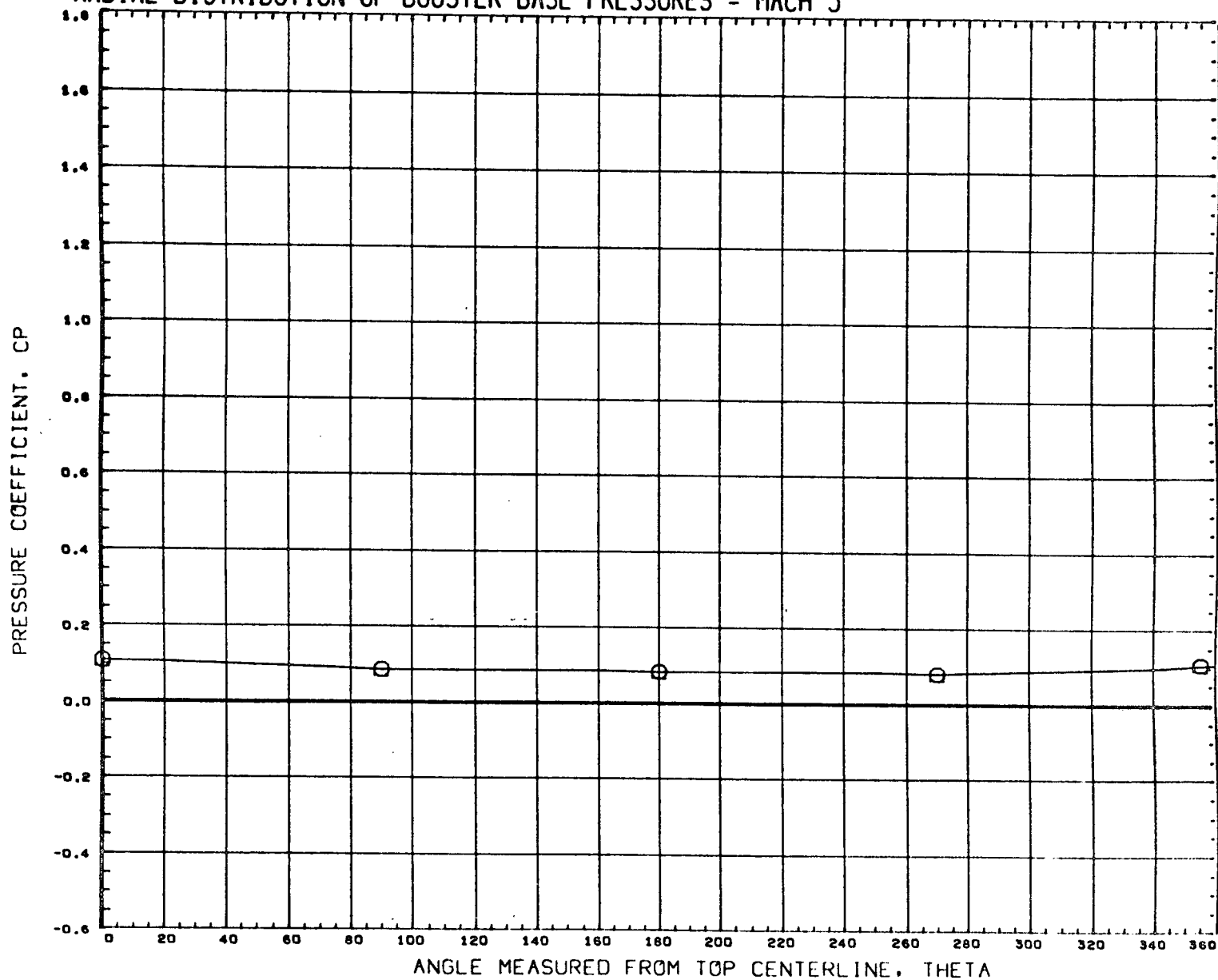
RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.228
◇	0.143		
◇	0.020		
□	0.103		
△	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.520 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 0.918
 MACH 4.940 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 30.000

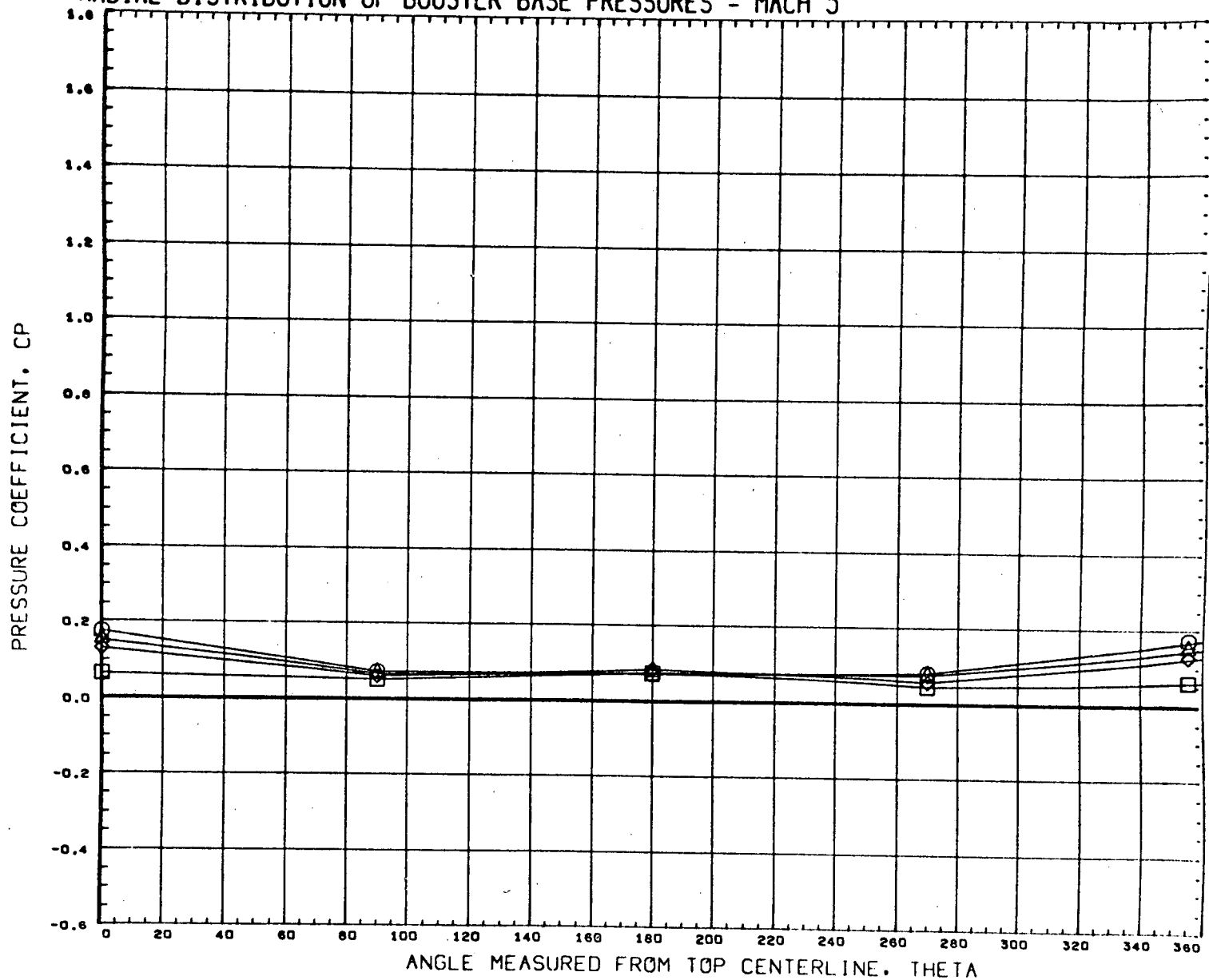
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8531•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

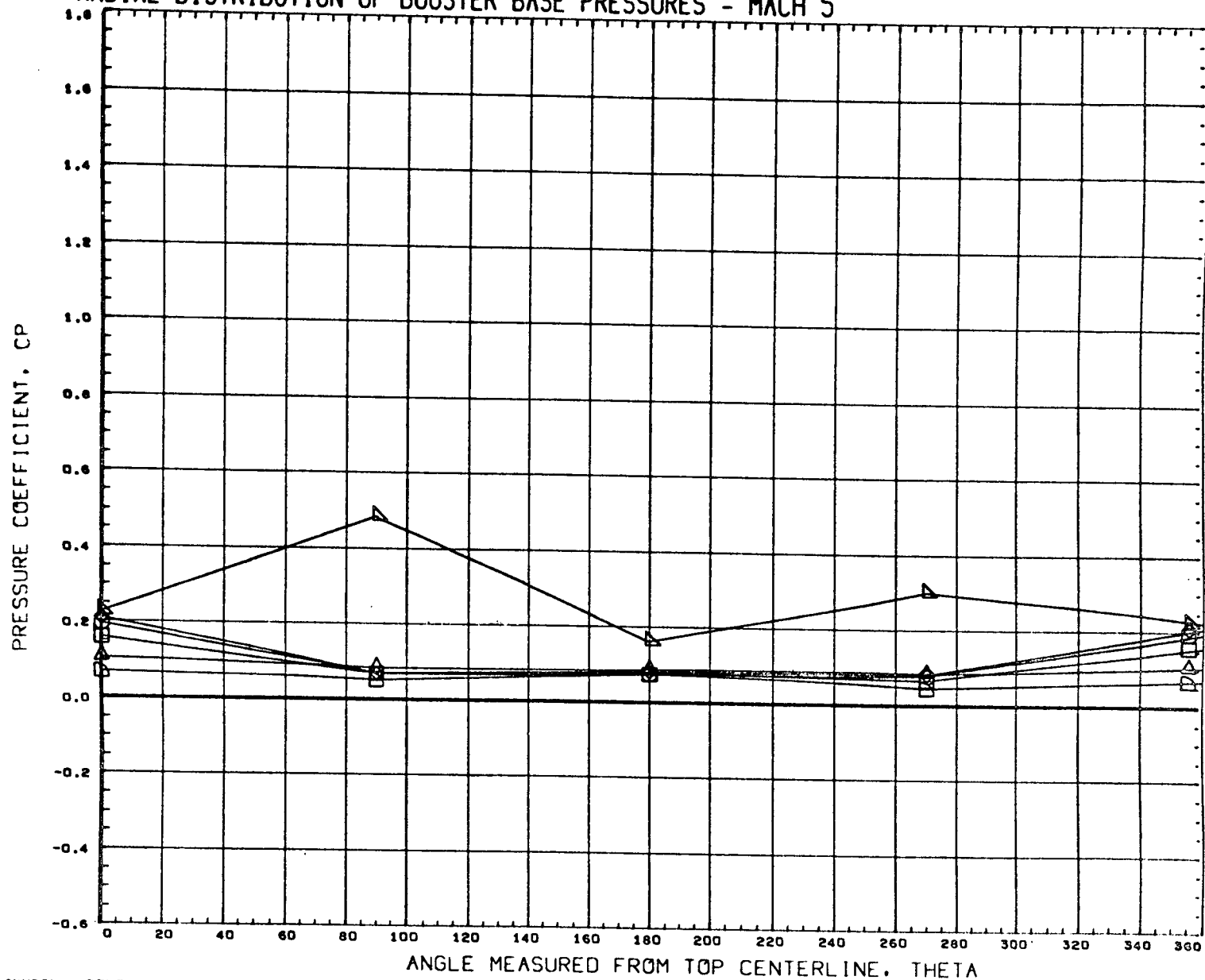
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8532•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES

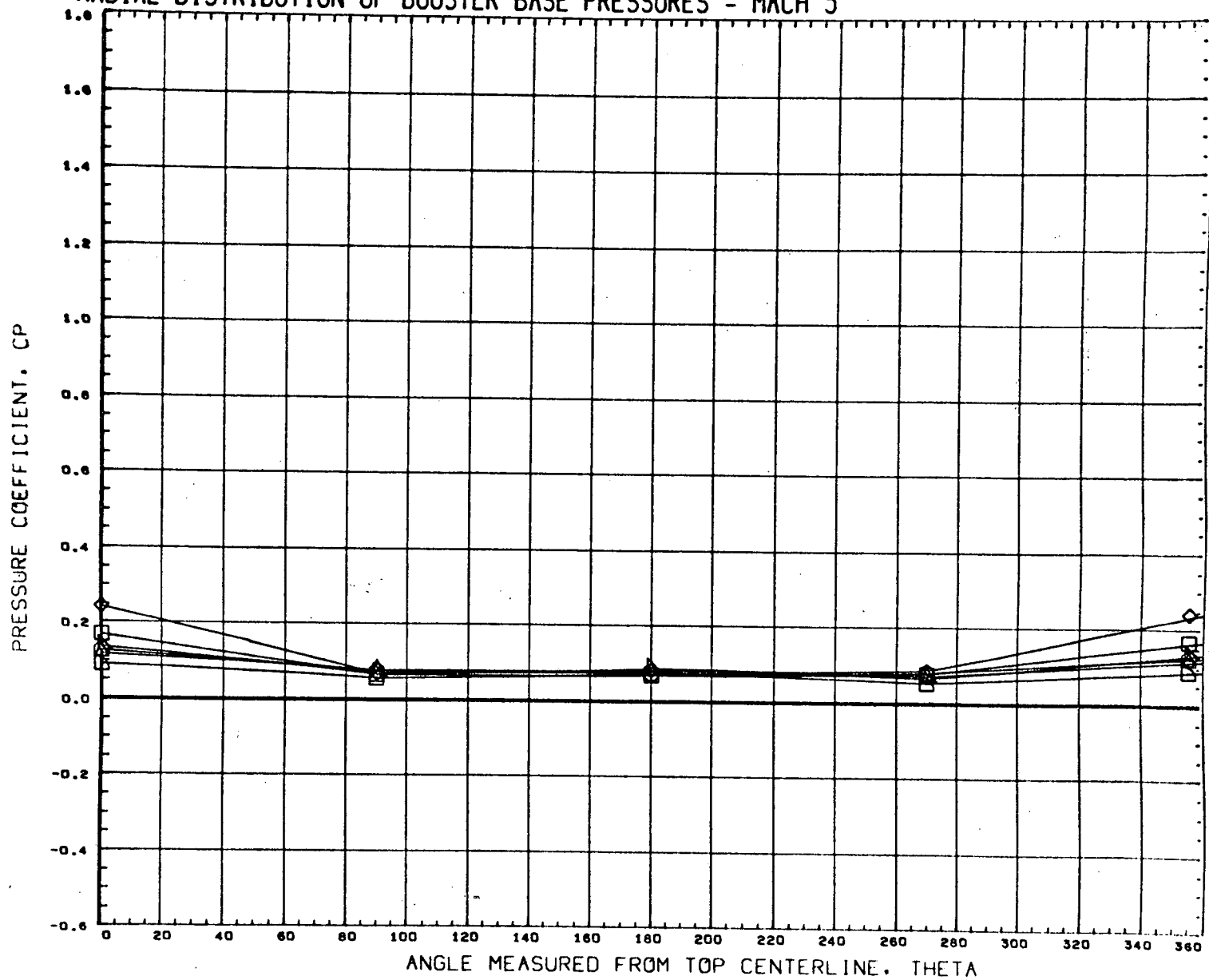
BETA	0.000	ALPHA B	- 5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BASE)

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

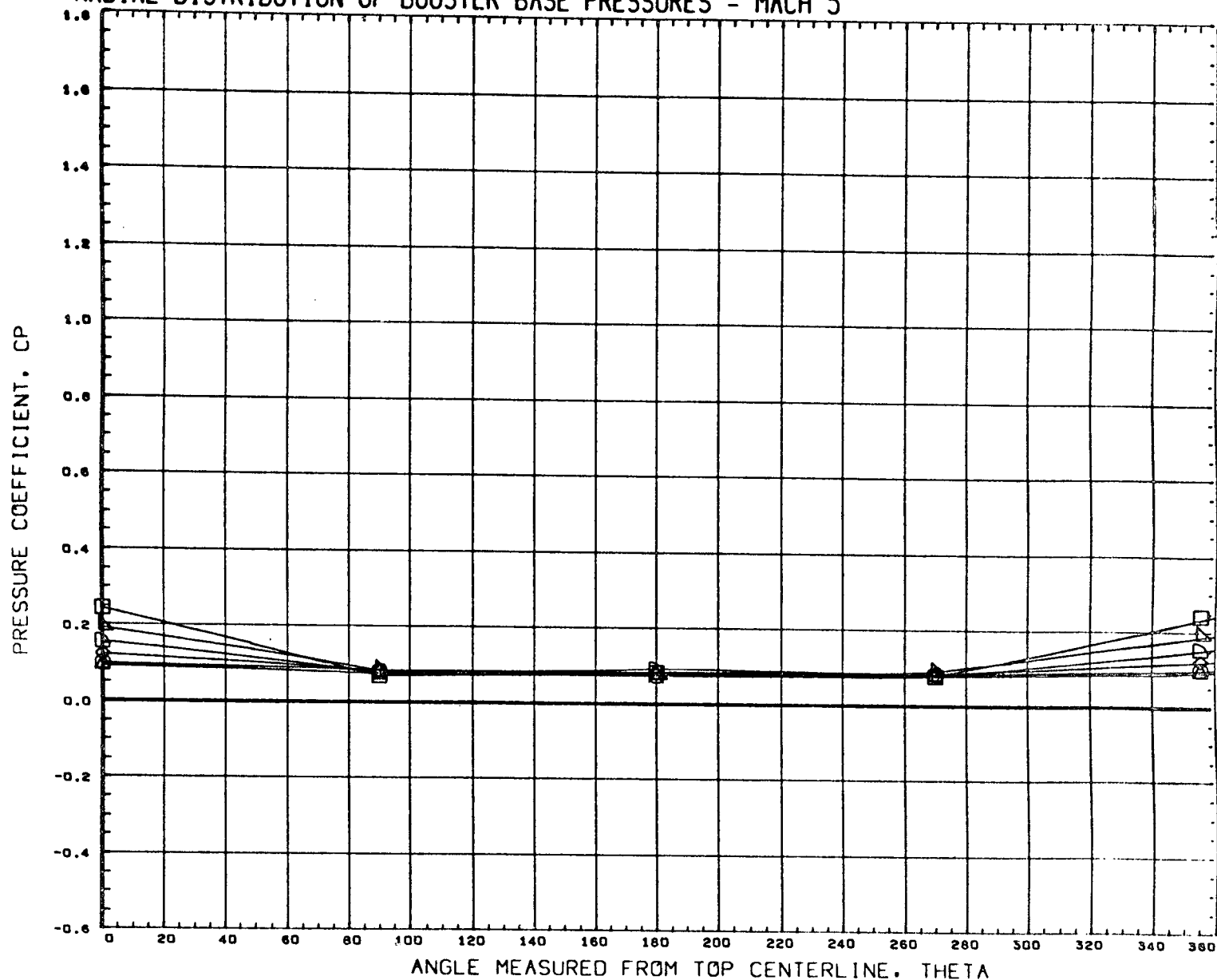


SYMBOL	DELTA X	X/L	DELTA Z
◇	0.390	1.000	0.151
□	0.143		
△	0.020		
○	0.103		
×	0.227		
	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.090
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTAX	X/L	DELTAZ
○	0.390	1.000	0.228
◇	0.143		
◇	0.020		
□	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

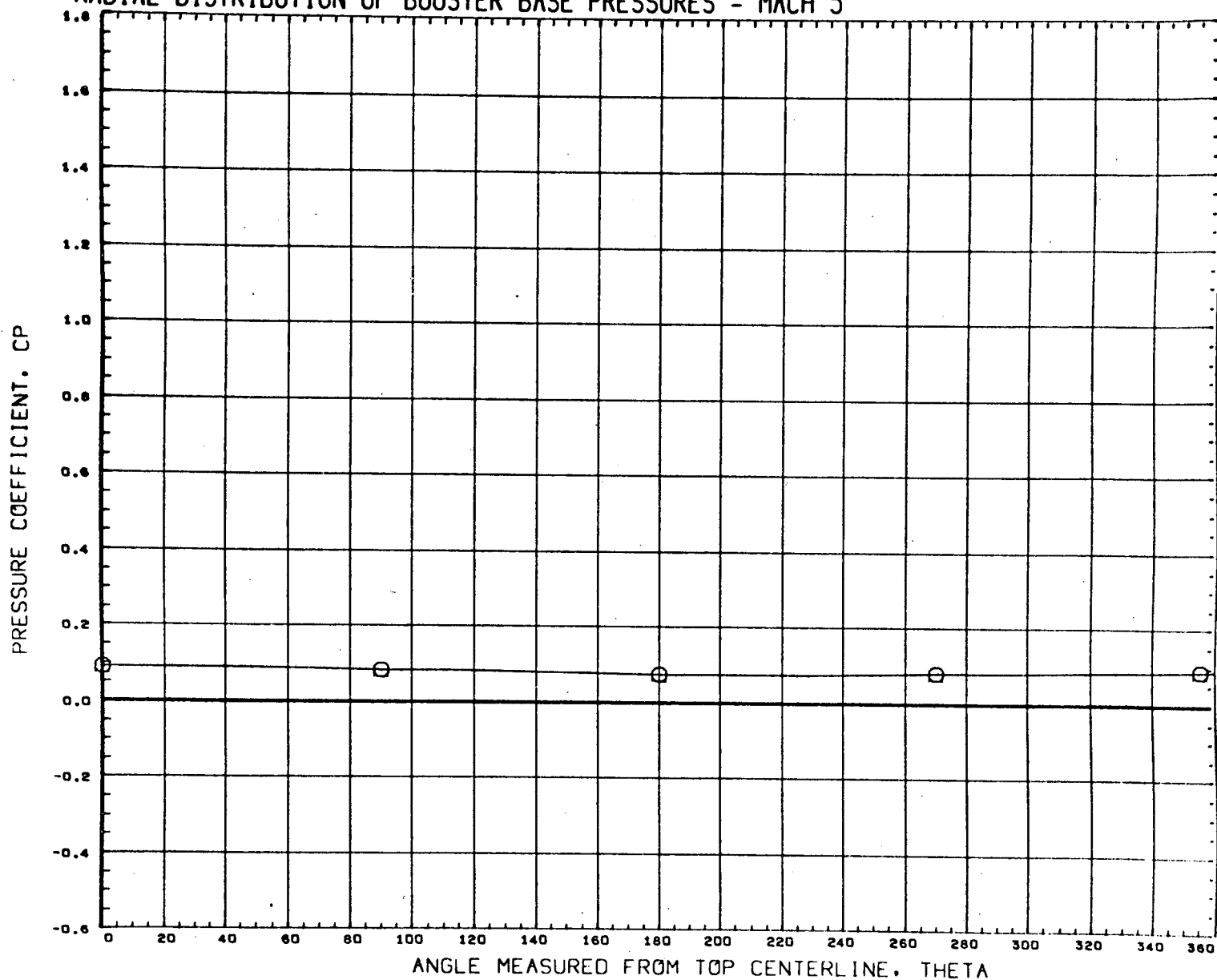
PARAMETRIC VALUES			
BETA	0.000	ALPHA	5.090
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	90.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8532•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 5.090
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

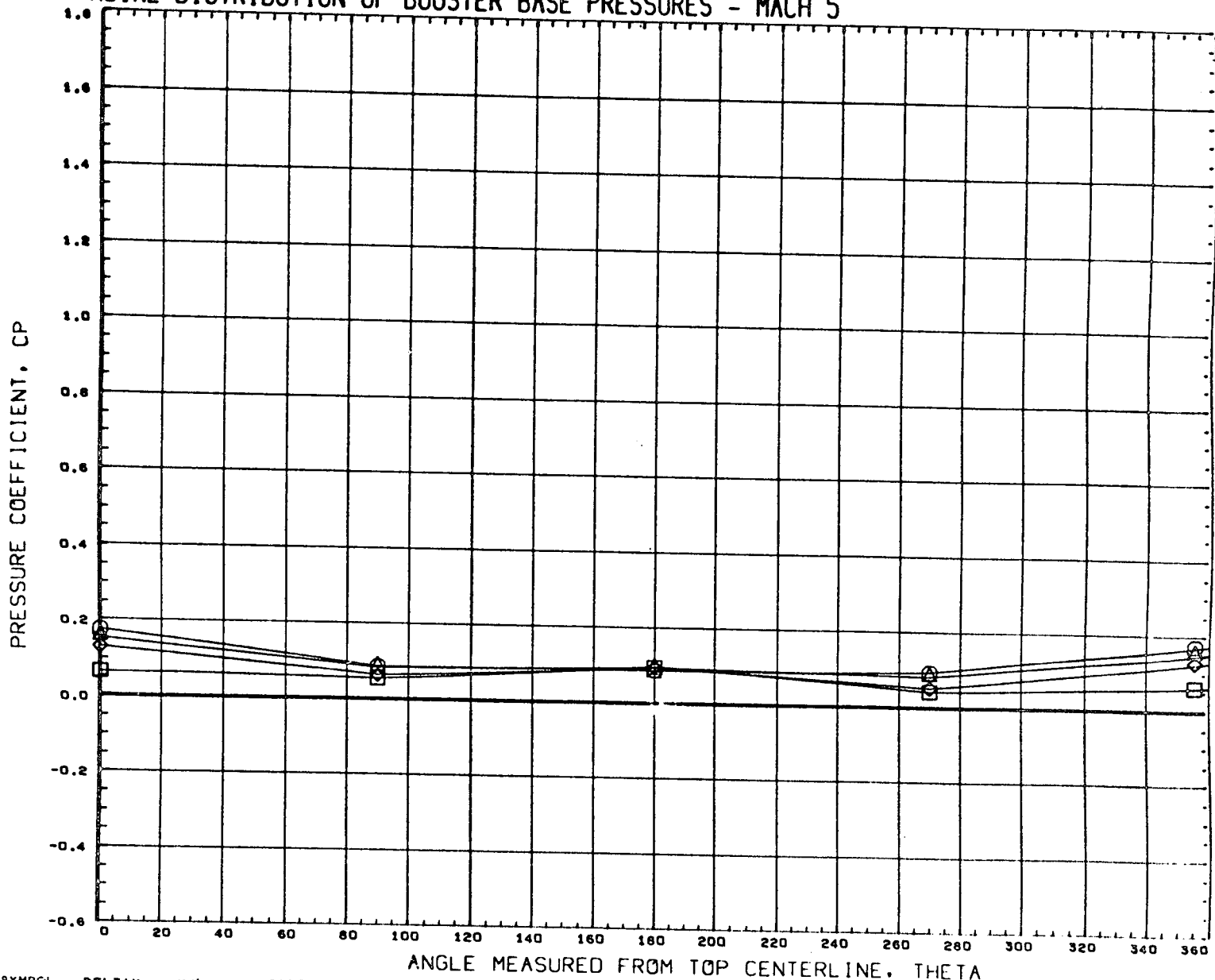
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8532•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

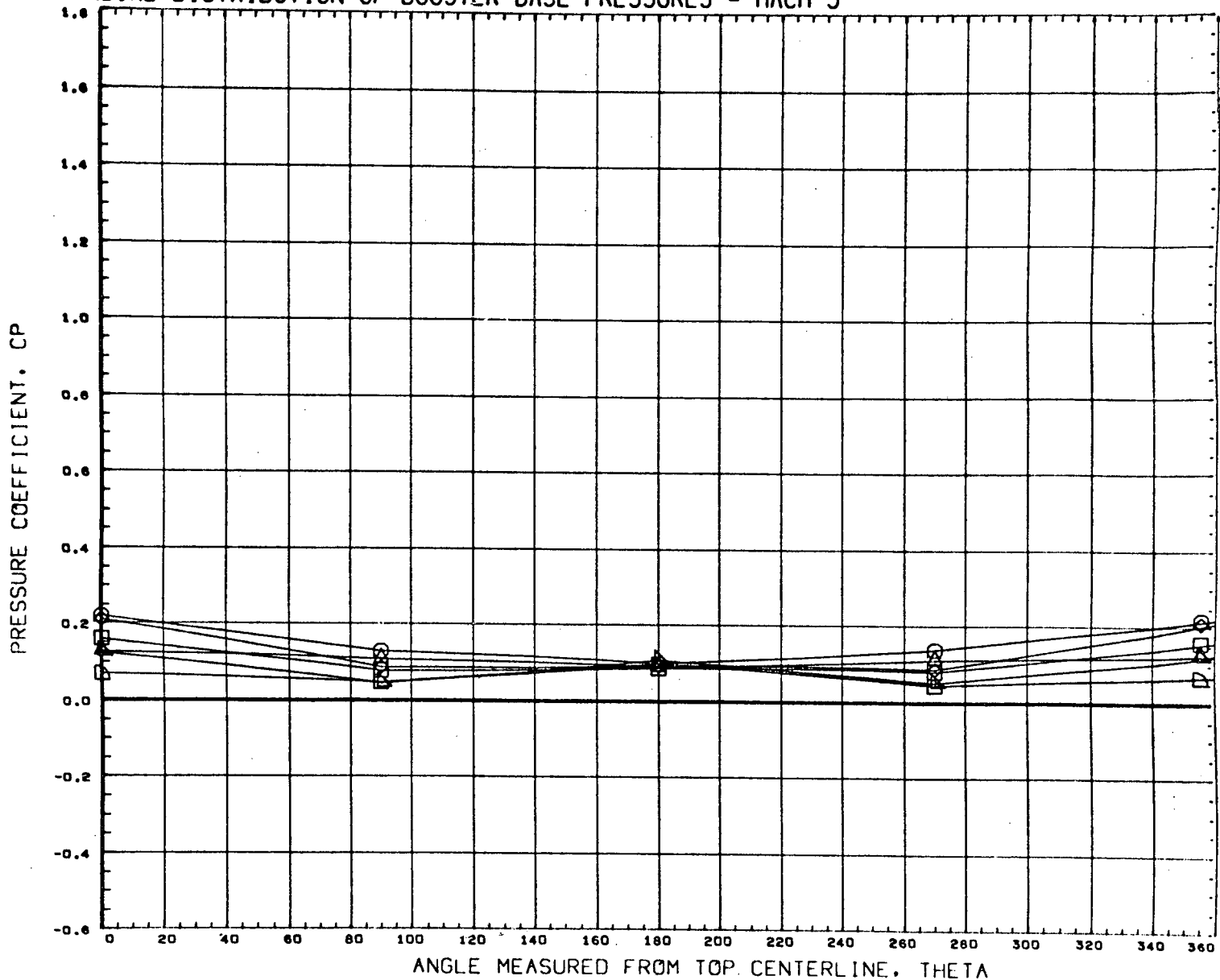
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8533•

PAGE 1632

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

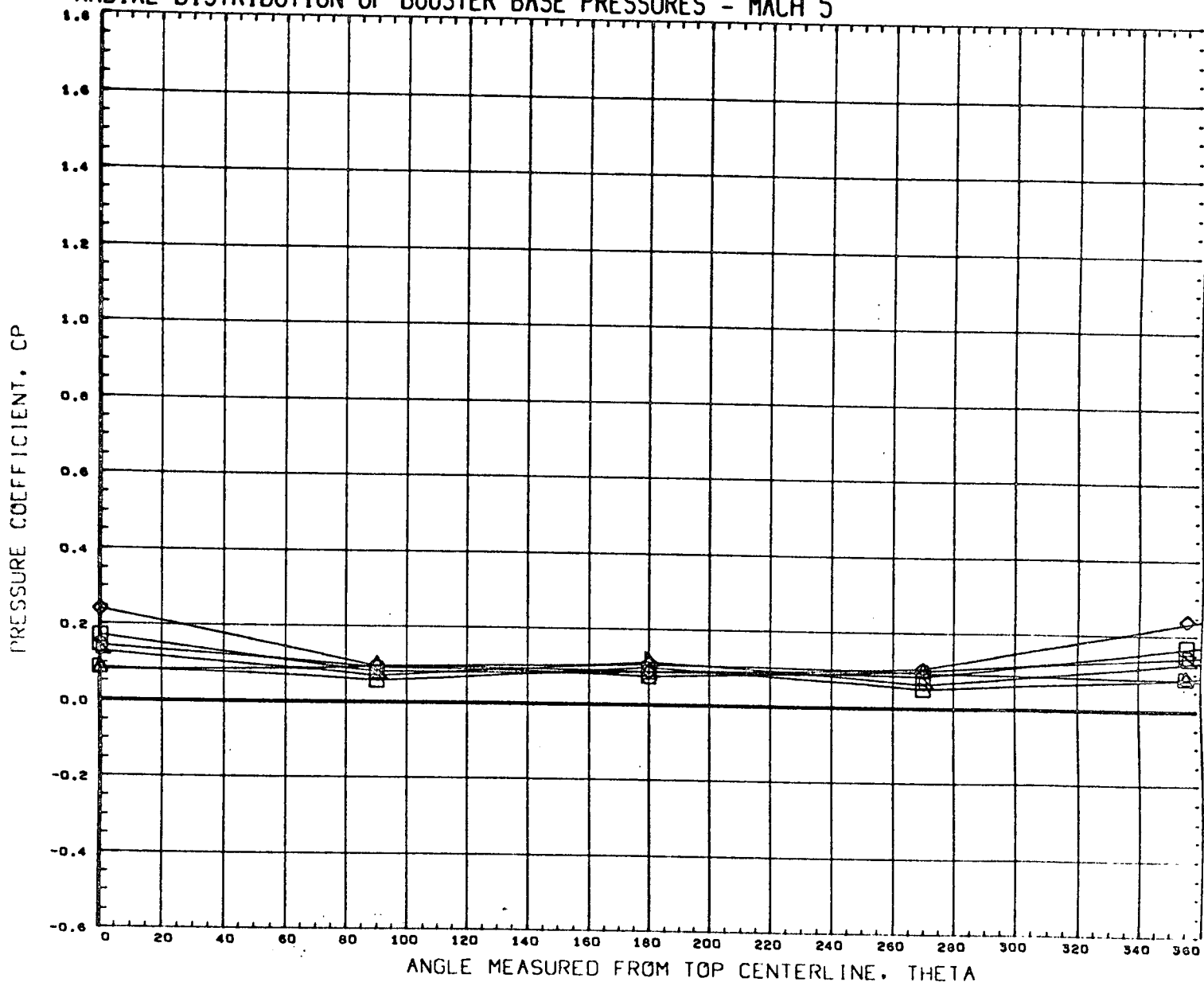


SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.120
◇	0.143		
△	0.020		
□	0.103		
▽	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

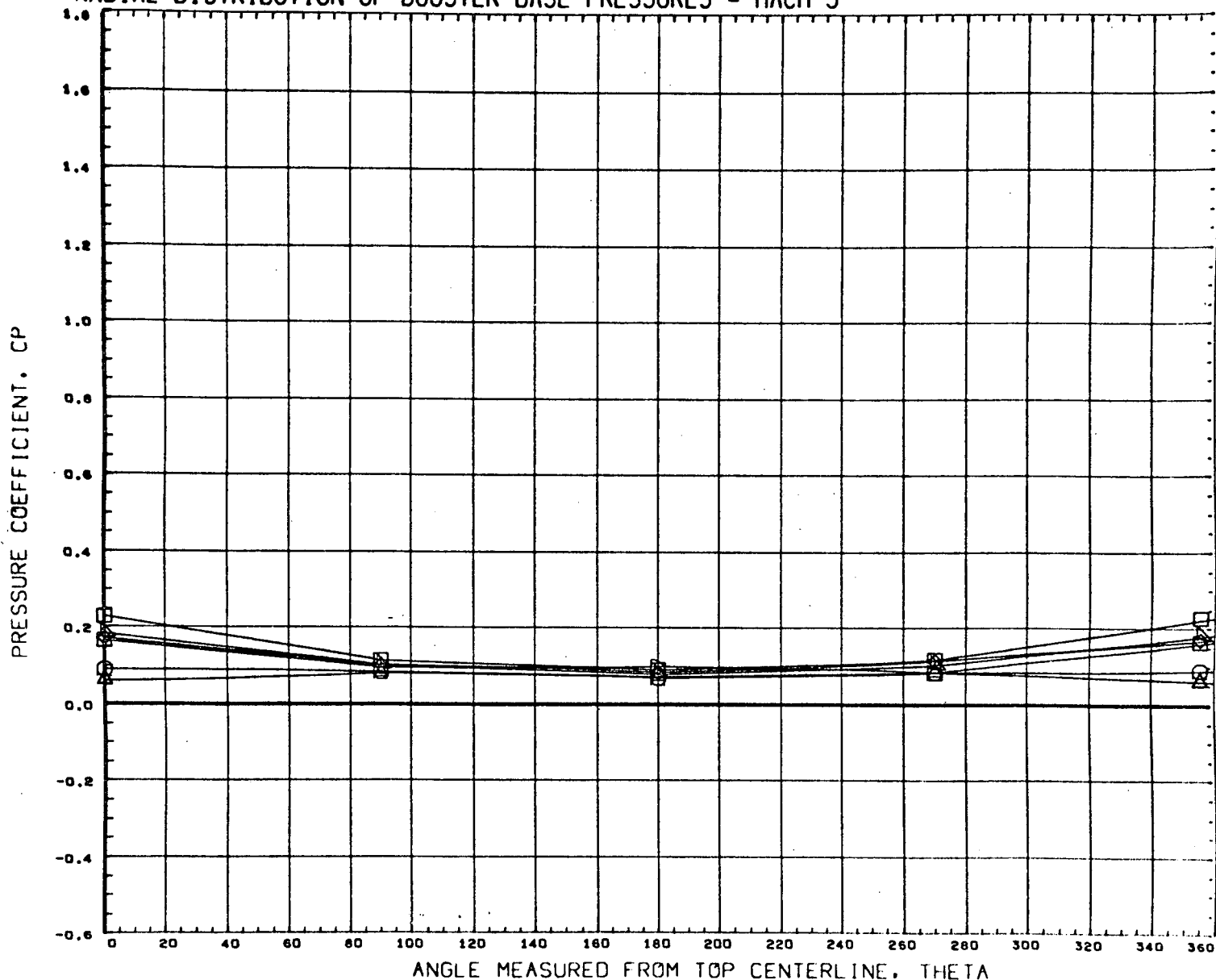


SYMBOL	DELTA X	X/L	DELTA Z
◇	0.390	1.000	0.151
◻	0.143		
△	0.020		
○	0.103		
▽	0.227		
◊	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.039
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	ESTPOW	90.000

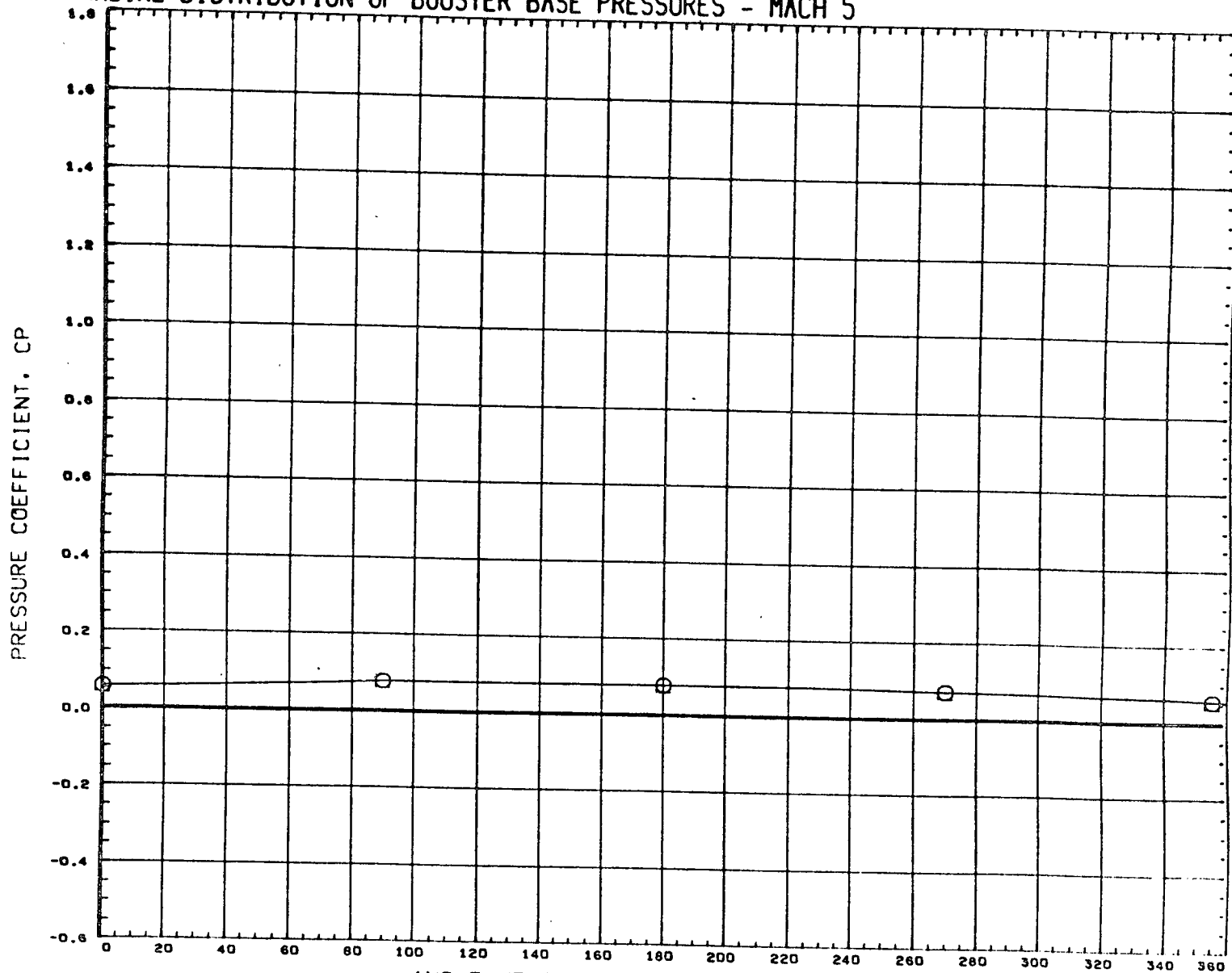
RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.228
◇	0.143		
△	0.020		
□	0.103		
▣	0.227		
■	0.350		
	REFERENCE FILE		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	50.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 O 0.520 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.039
 MACH 4.940 ALPHA1 0.000
 ORBPOW 100.000 BSTPOW 90.000

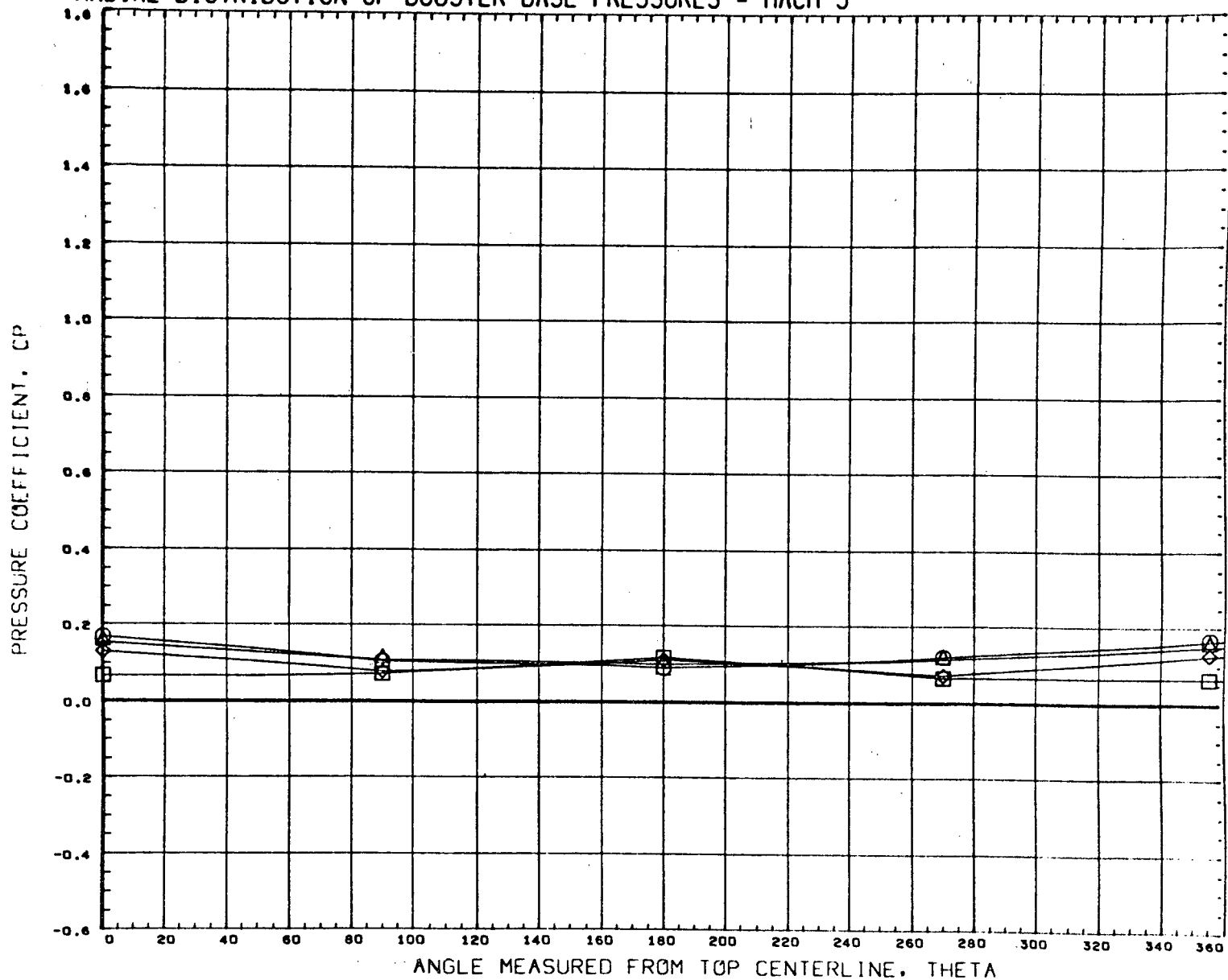
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8533•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

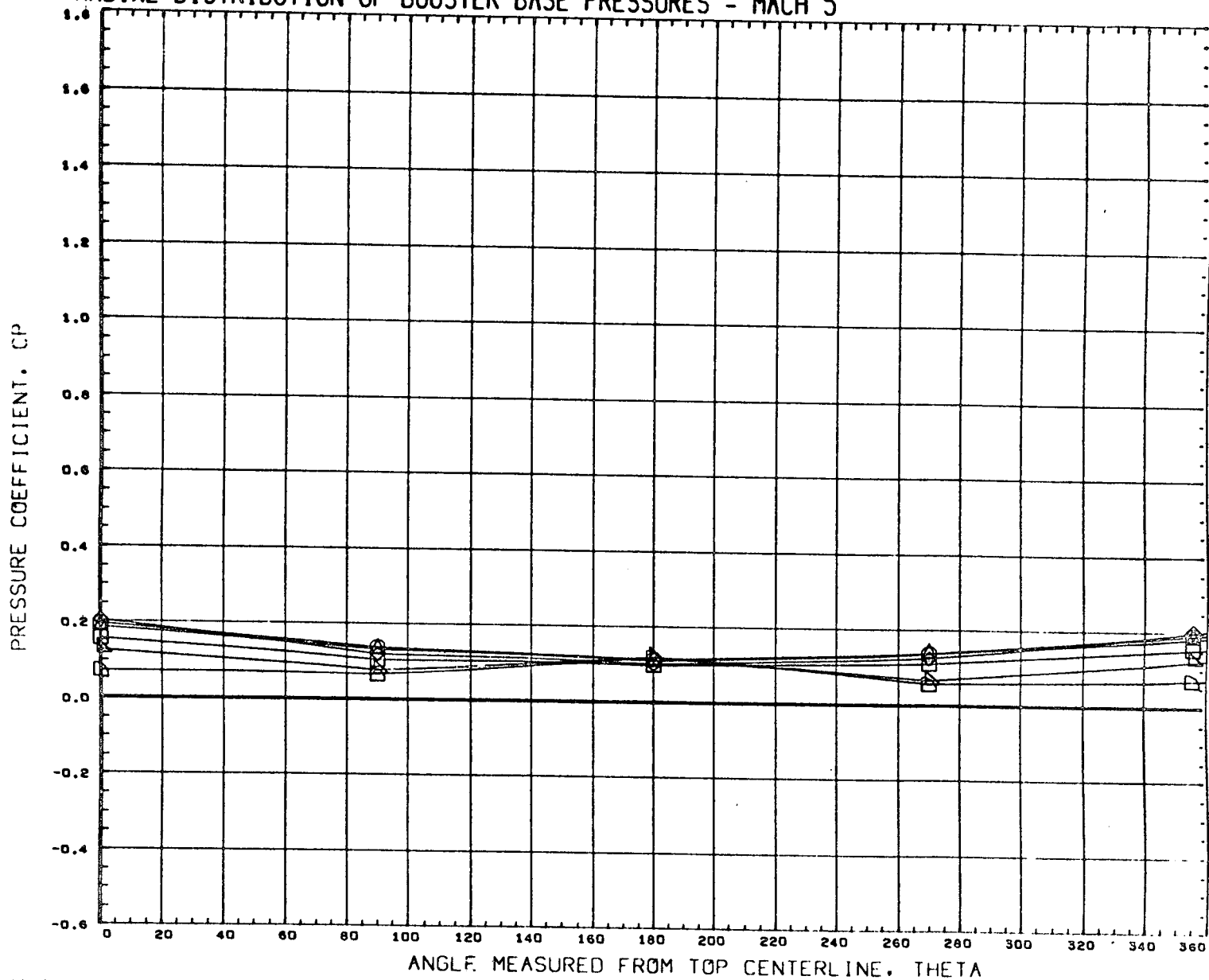
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8534•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.120
△	0.143		
◇	0.020		
□	0.103		
◻	0.227		
◻	0.390		

REFERENCE FILE

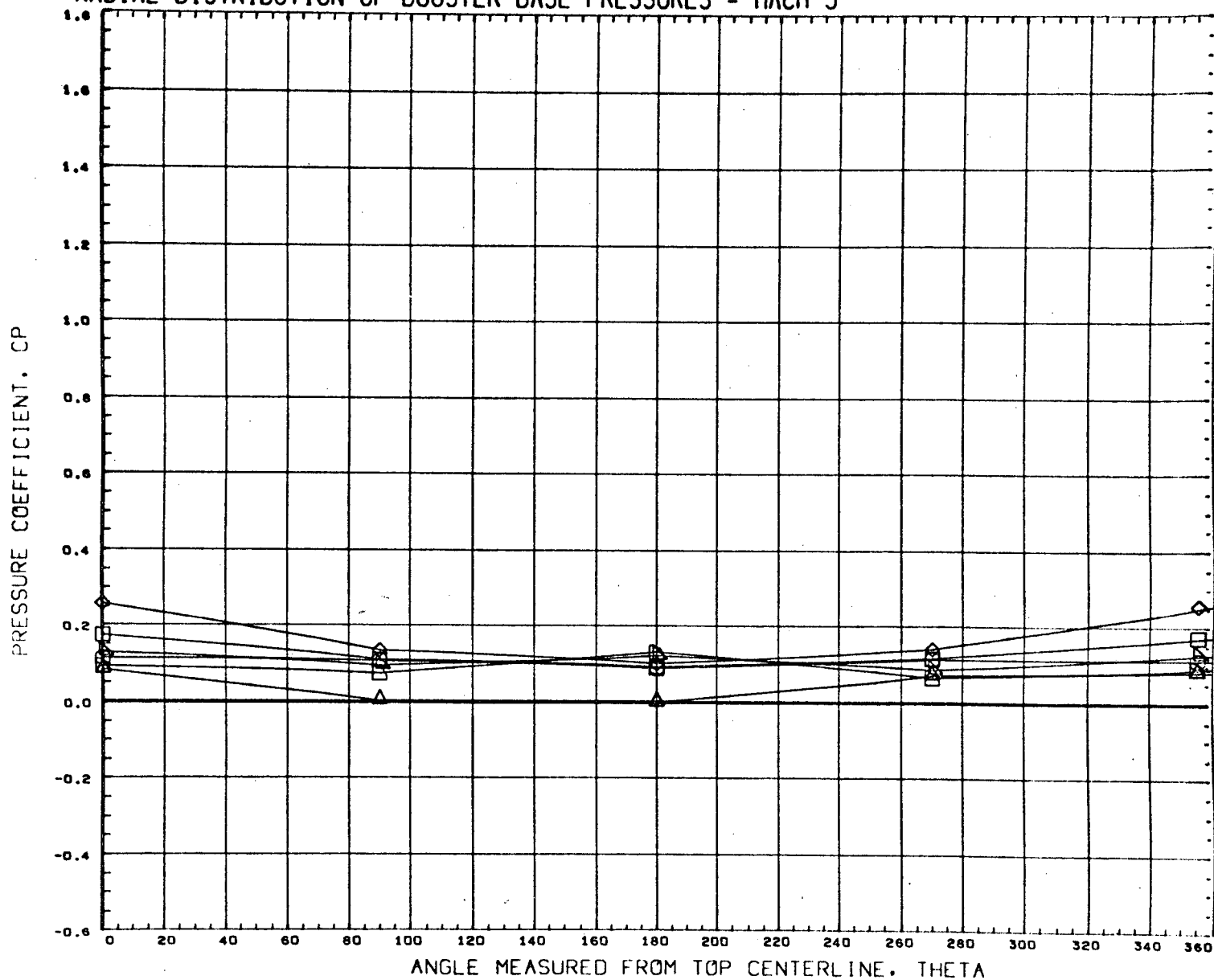
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.087
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8534•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

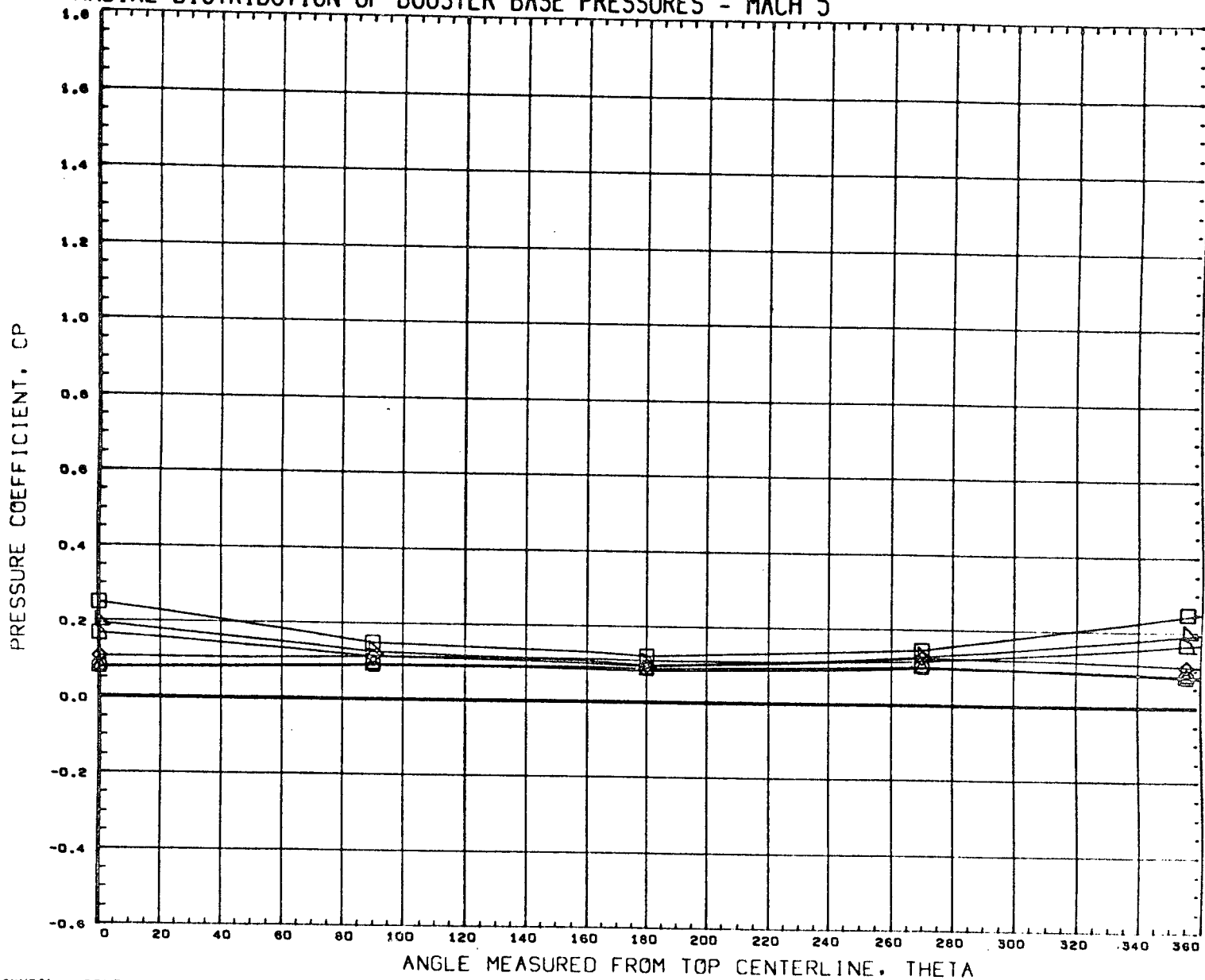


SYMBOL	DELTA X	X/L	DELTA Z
◇	- 0.390	1.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◇	0.227		
◇	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.228
△	0.143		
◇	0.020		
□	0.103		
▤	0.227		
×	0.350		

REFERENCE FILE

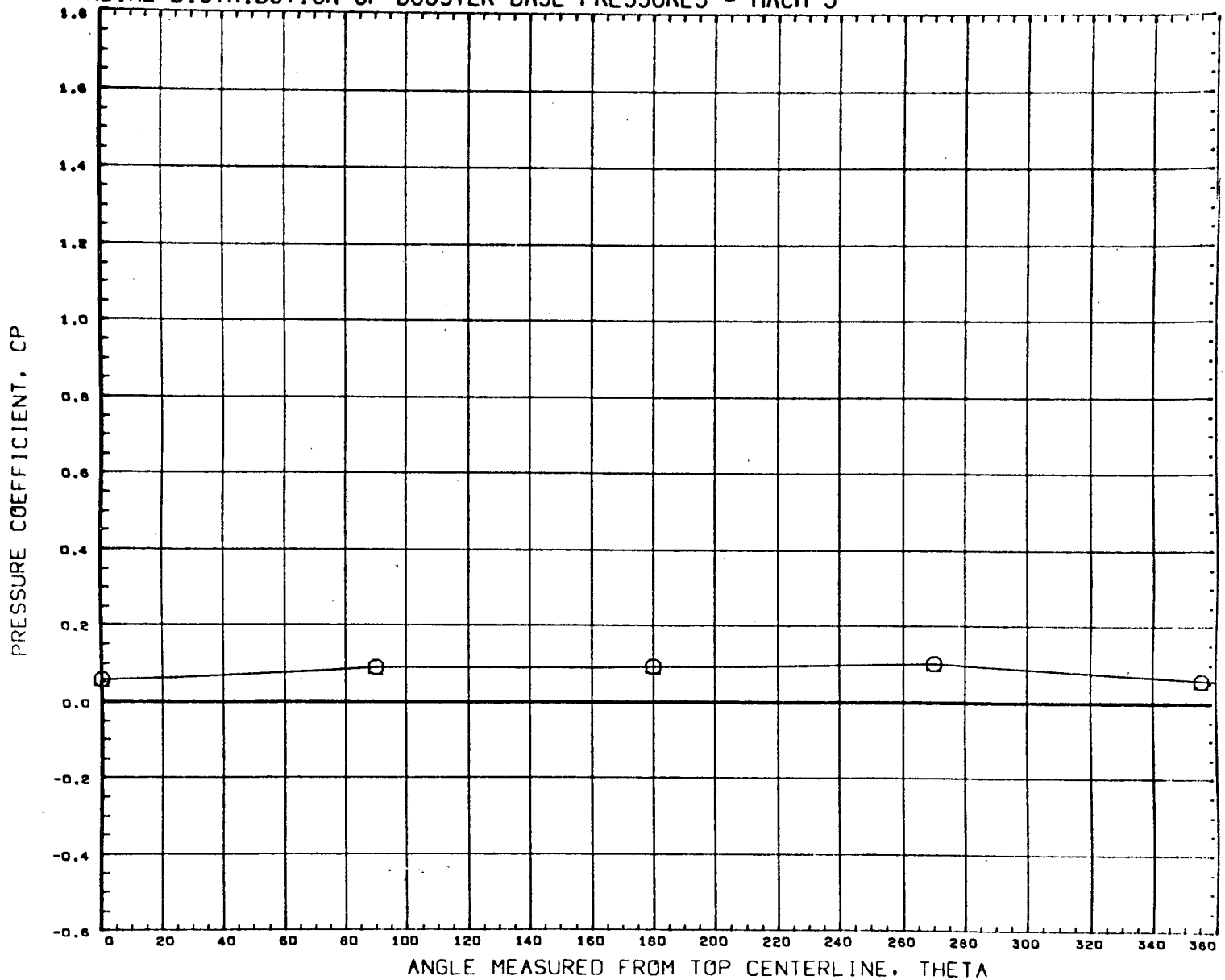
PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8534•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.520	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.067
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

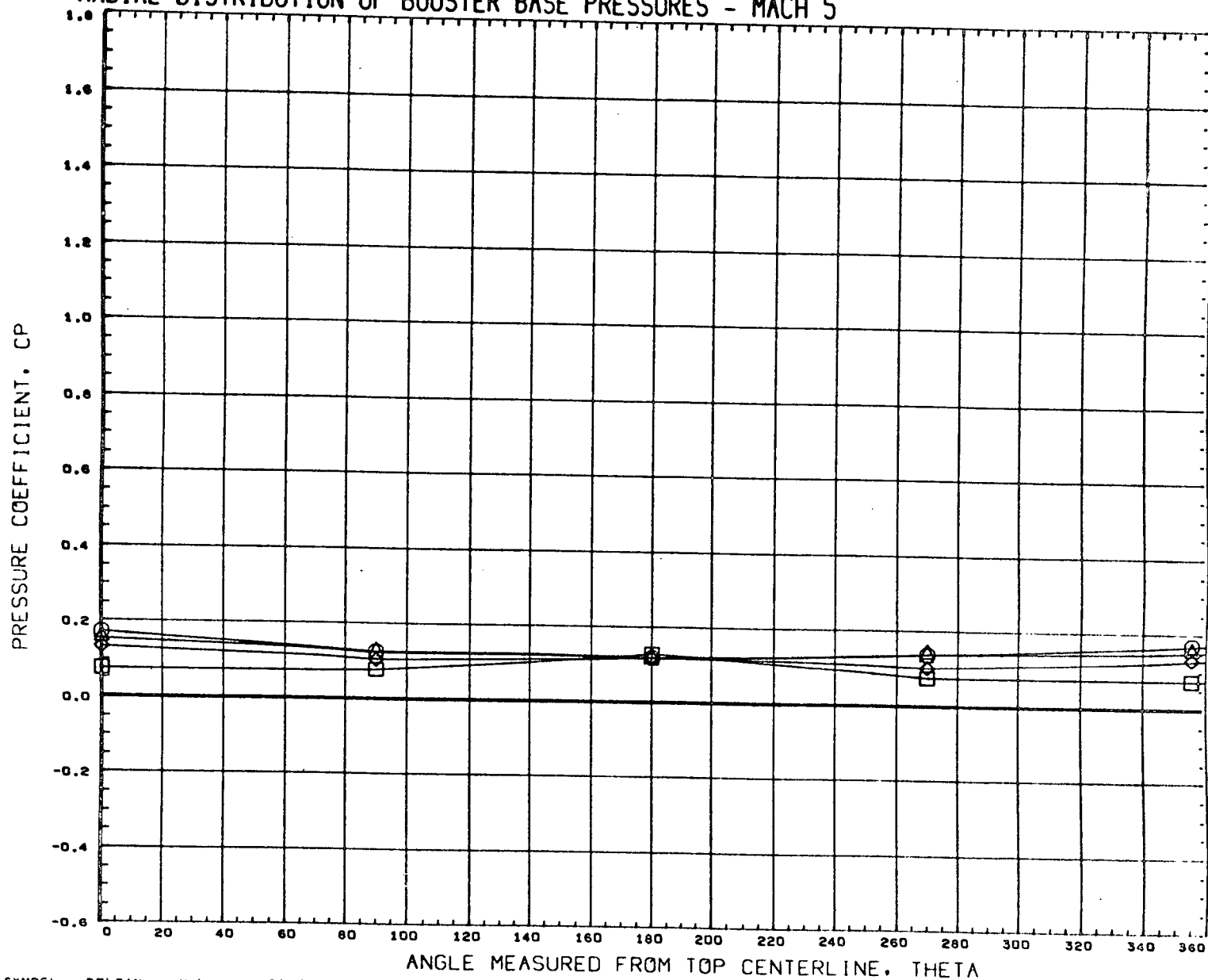
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8534•

PAGE 1641

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.041	1.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	10.093
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

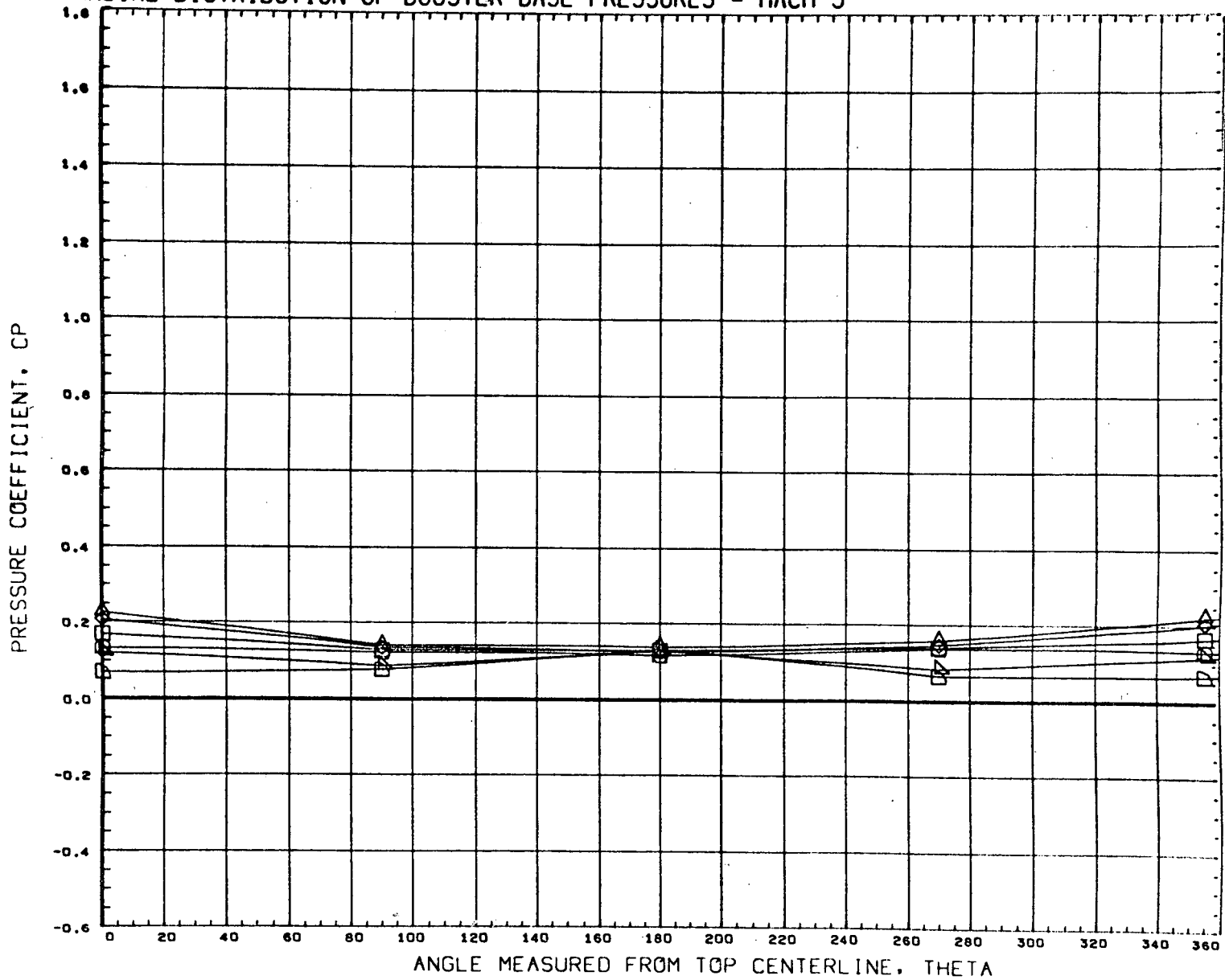
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8535•

PAGE 1642

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

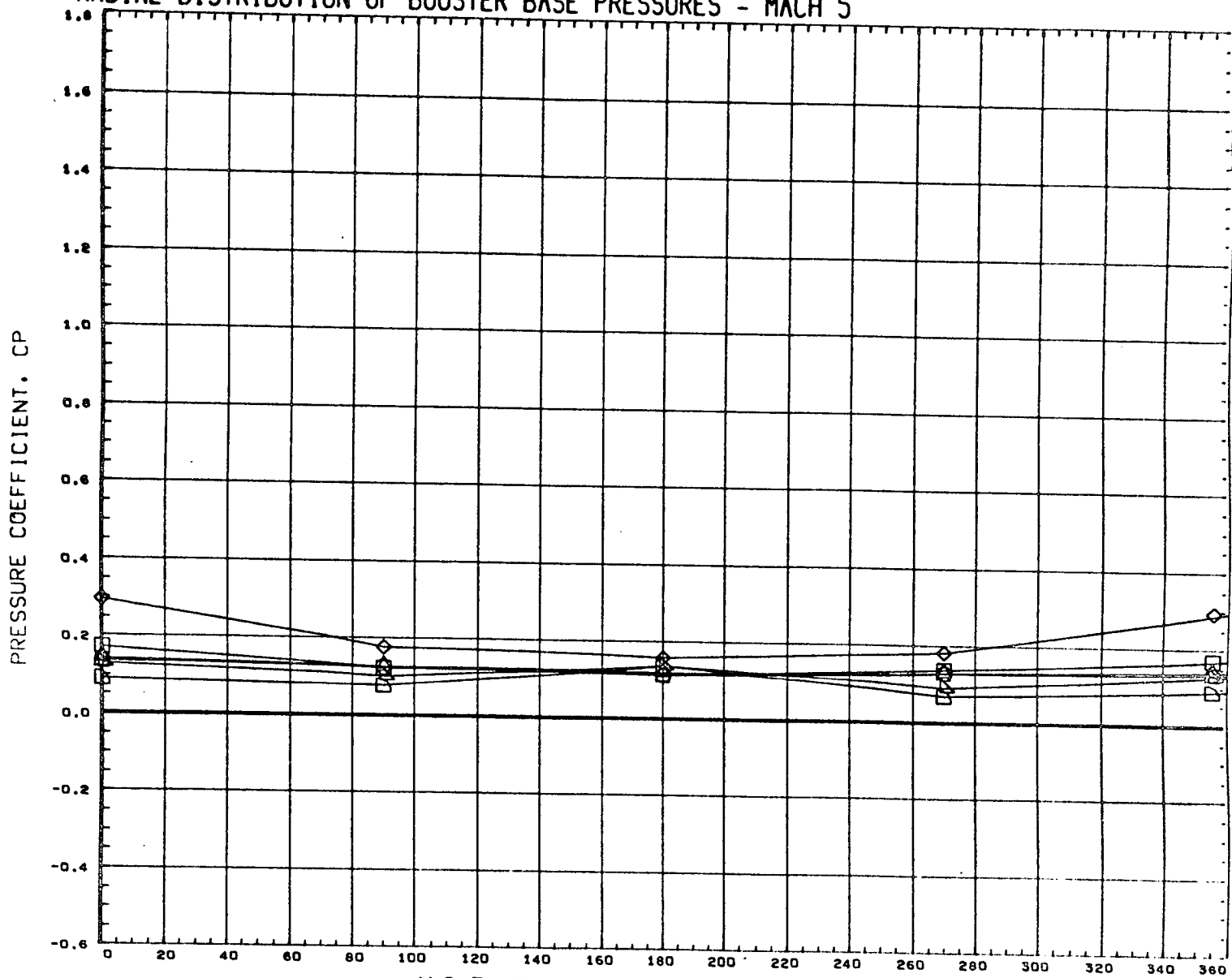


SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.120
◇	0.143		
◇	0.020		
□	0.103		
△	0.227		
●	0.330		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.053
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



ANGLE MEASURED FROM TOP CENTERLINE, THETA

SYMBOL	DELTA X	X/L	DELTA Z
○	0.390	1.000	0.151
□	0.143		
◇	0.020		
△	0.103		
▽	0.227		
	0.350		

REFERENCE FILE

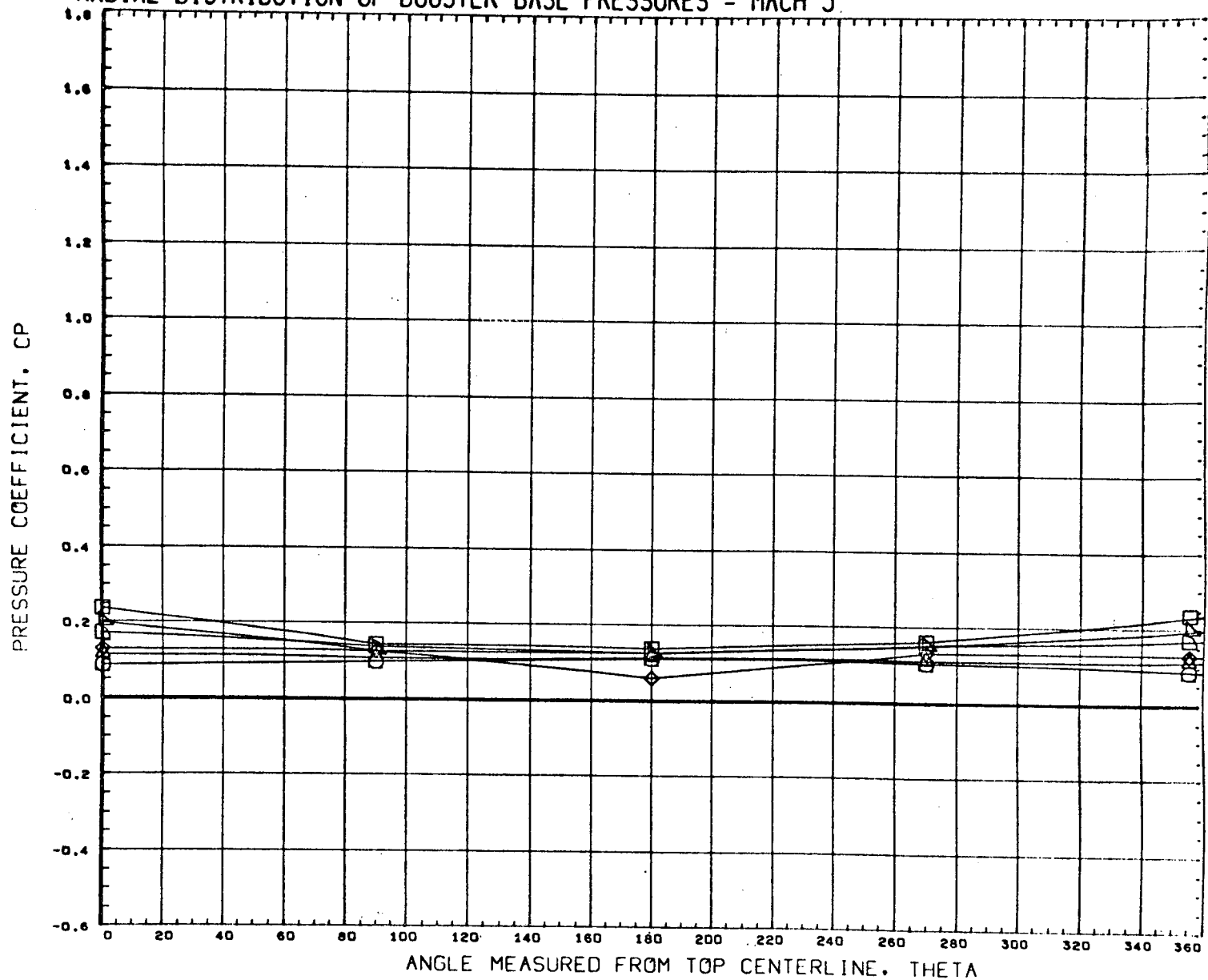
PARAMETRIC VALUES			
BETA	0.000	ALPHA2	10.053
MACH	4.940	ALPHA1	0.000
ORBPOW	100.000	BSTPOW	90.000

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8535•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5

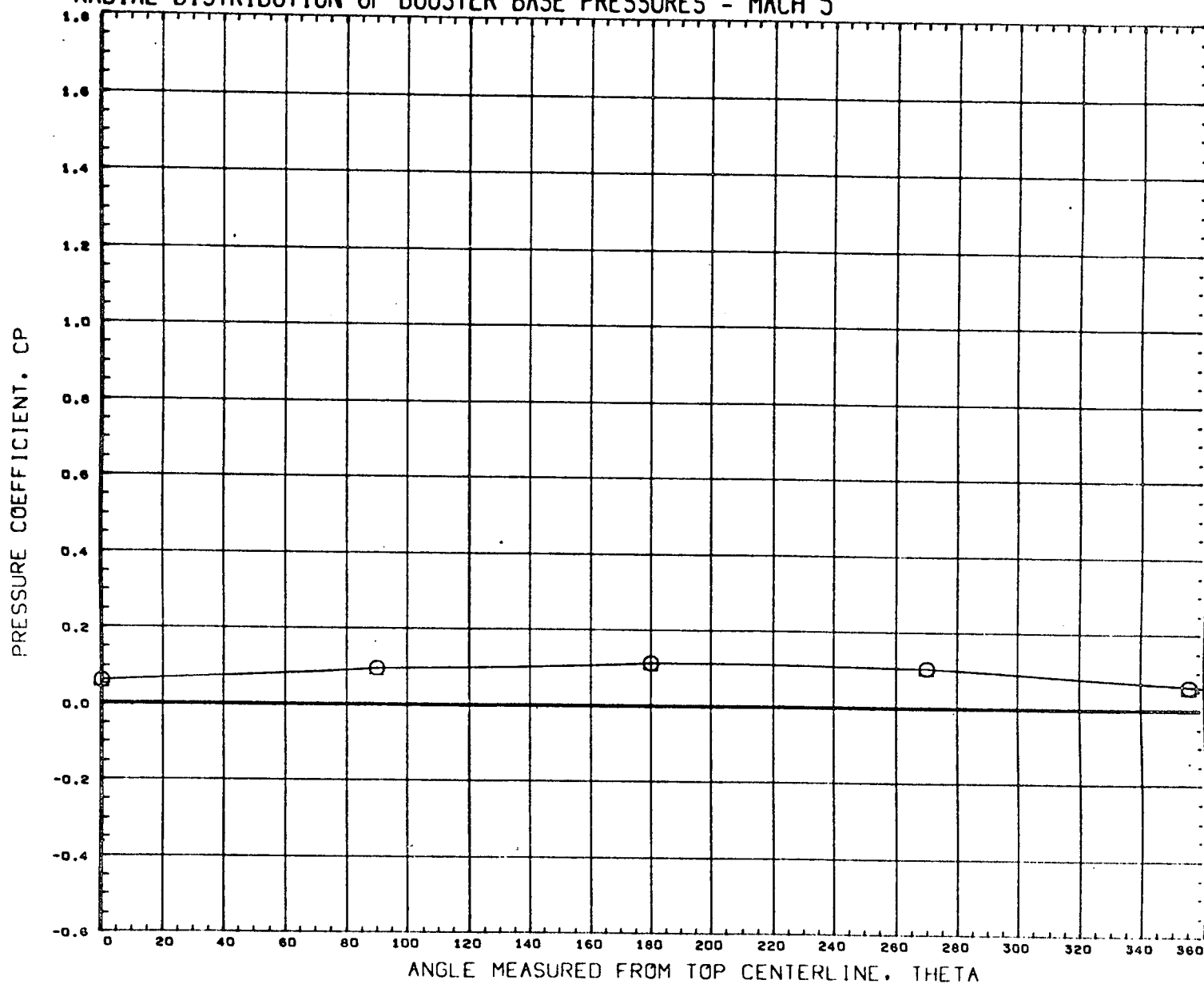


SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.390	1.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▤	0.227		
▥	0.350		

REFERENCE FILE

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.033
MACH	4.940	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.520 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 10.053
 MACH 4.940 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 90.000

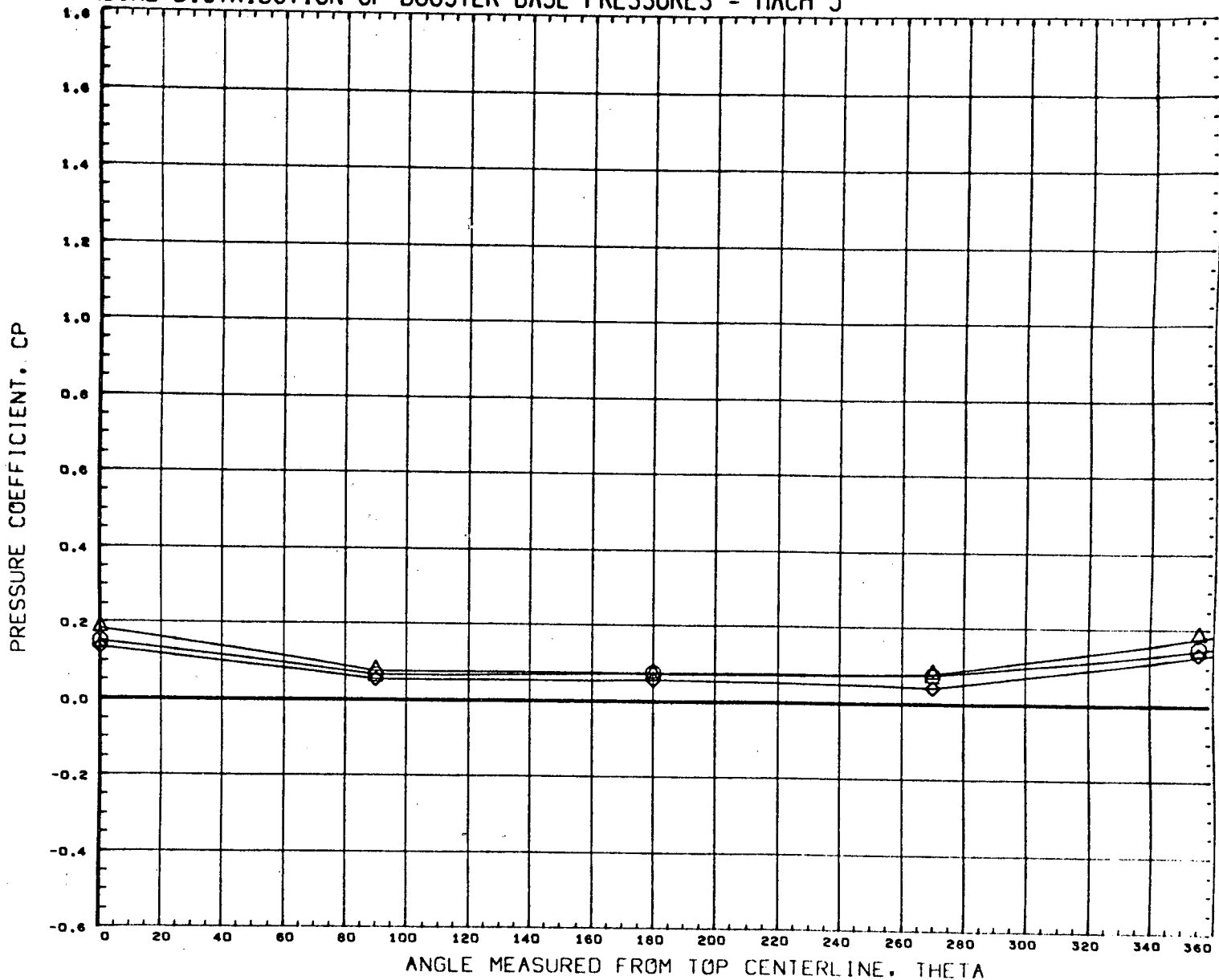
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8535•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	9.920
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

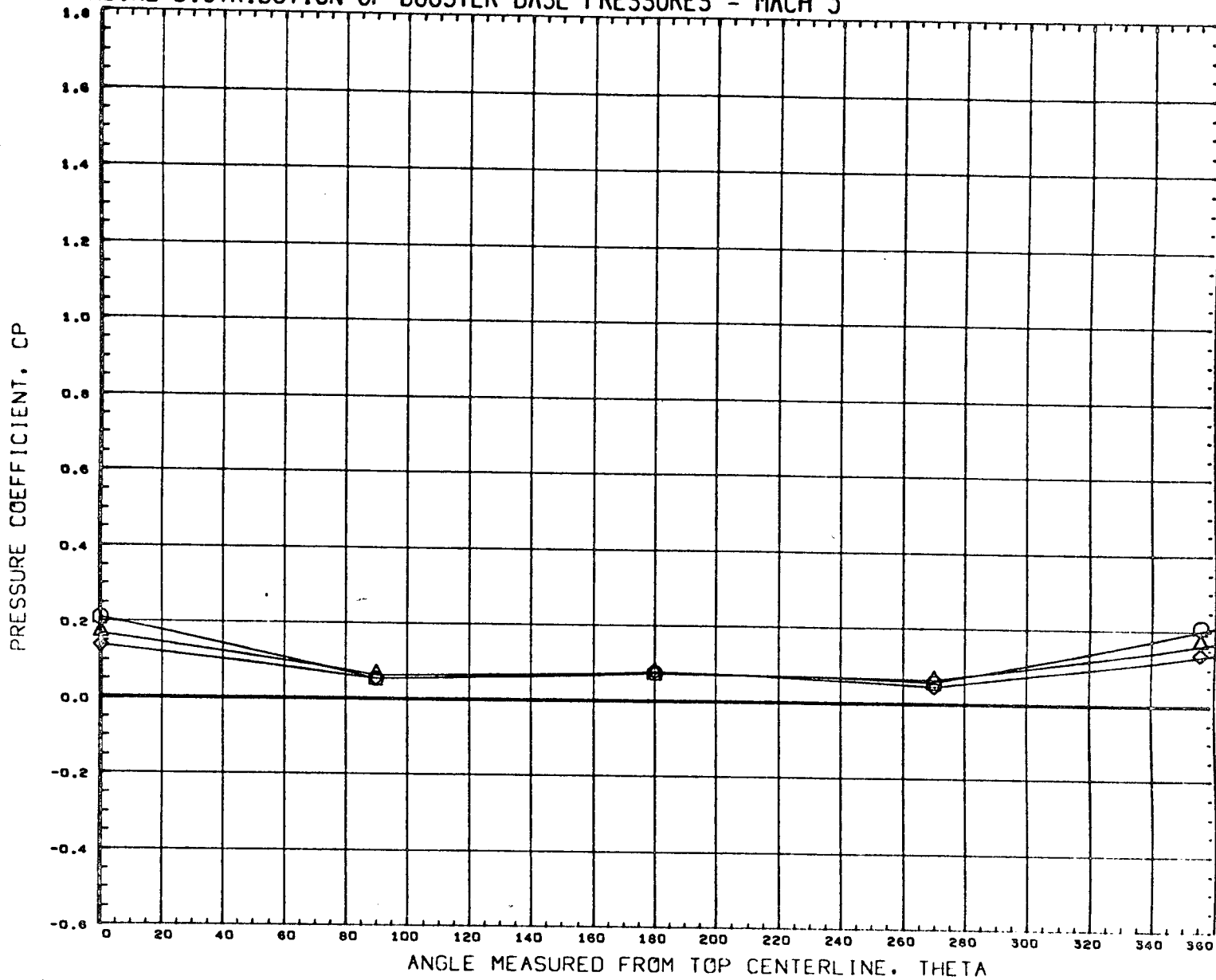
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8541•

PAGE 1647

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.096
MACH	4.970	ALPHA 1	5.000
ORBPOW	100.000	BSTPOW	90.000

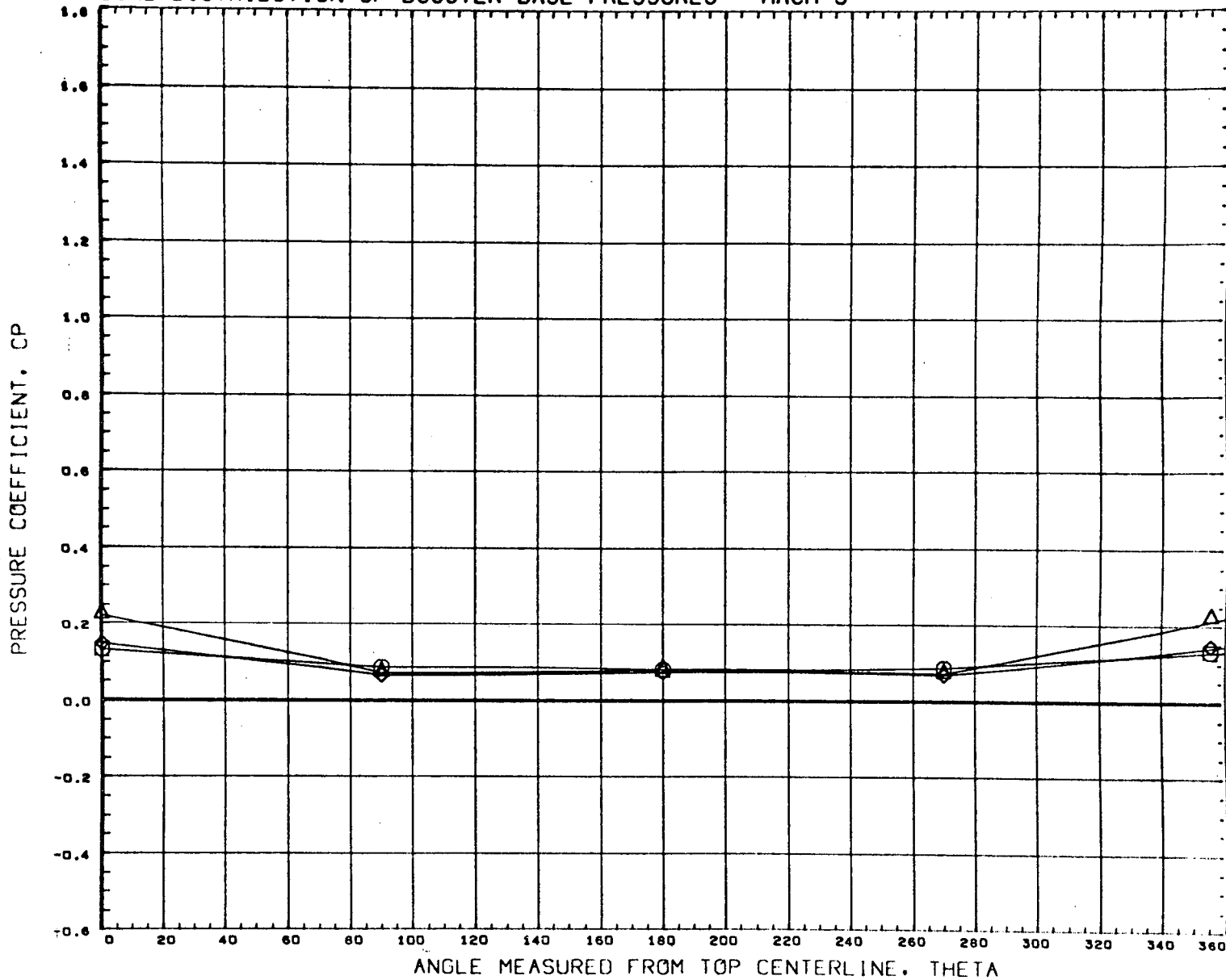
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8542•

PAGE 1648

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.896
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

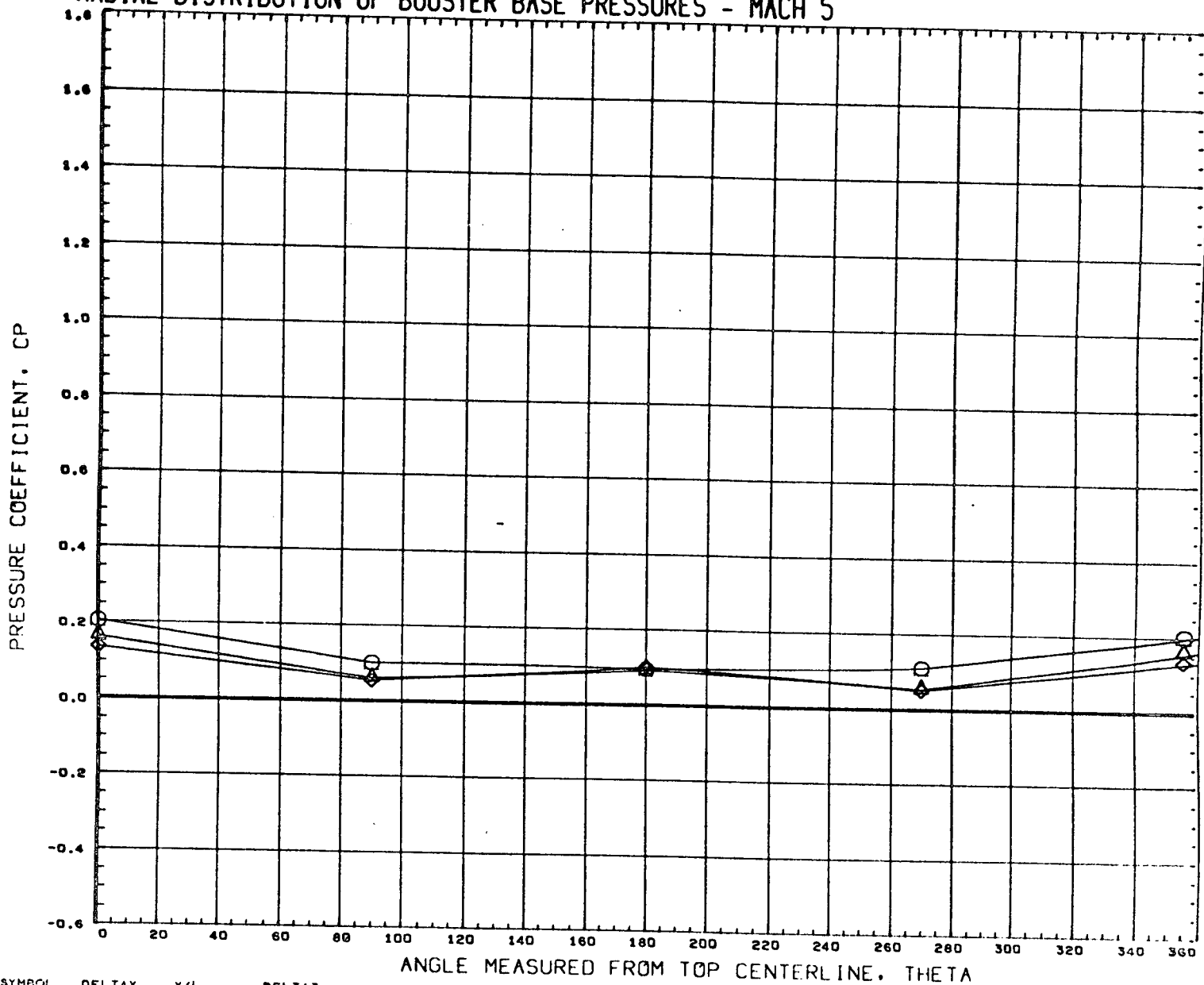
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8542•

PAGE 1649

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.099
MACH	4.970	ALPHA I	9.000
ORBPOW	100.000	BSTPOW	90.000

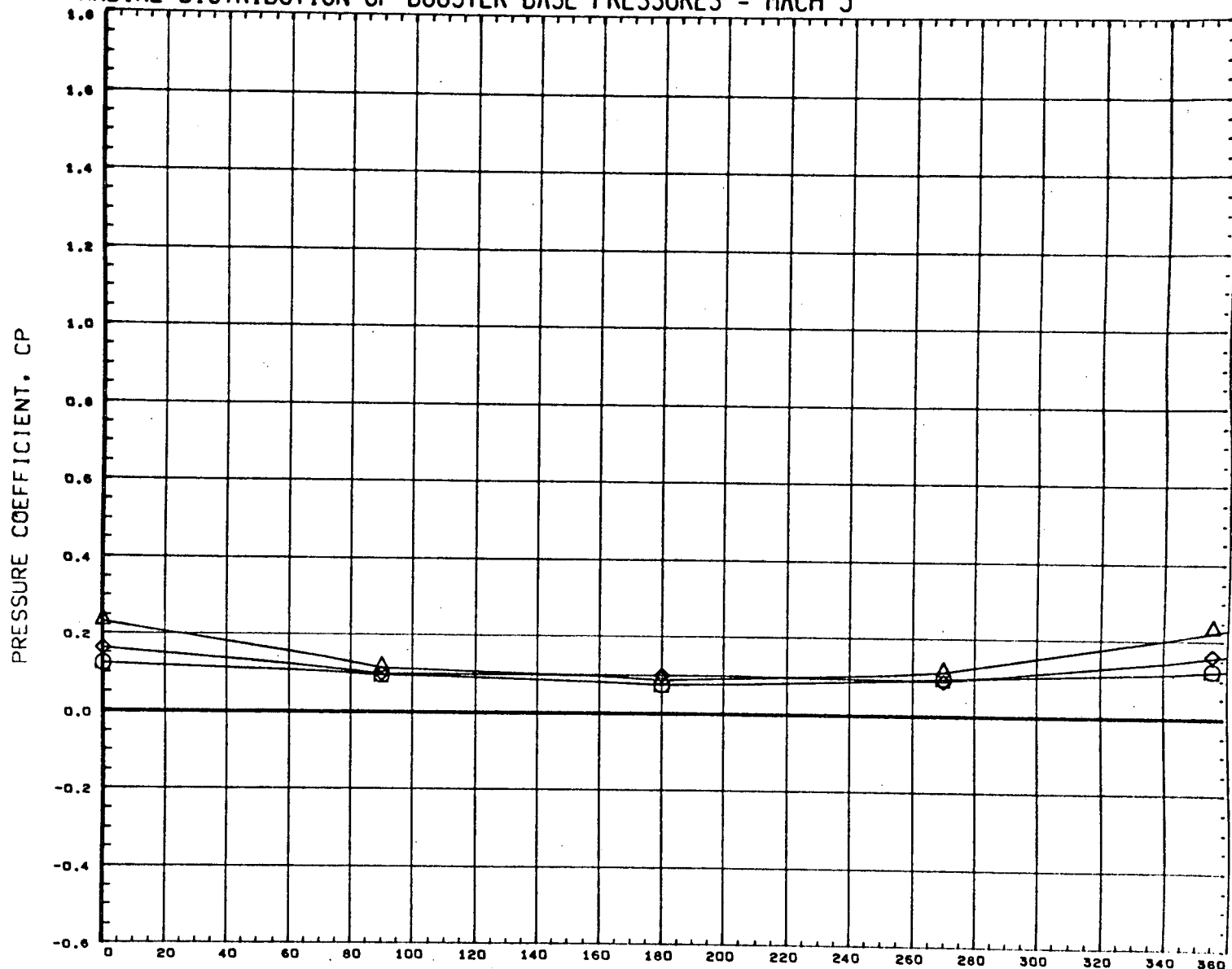
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8543•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.053
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

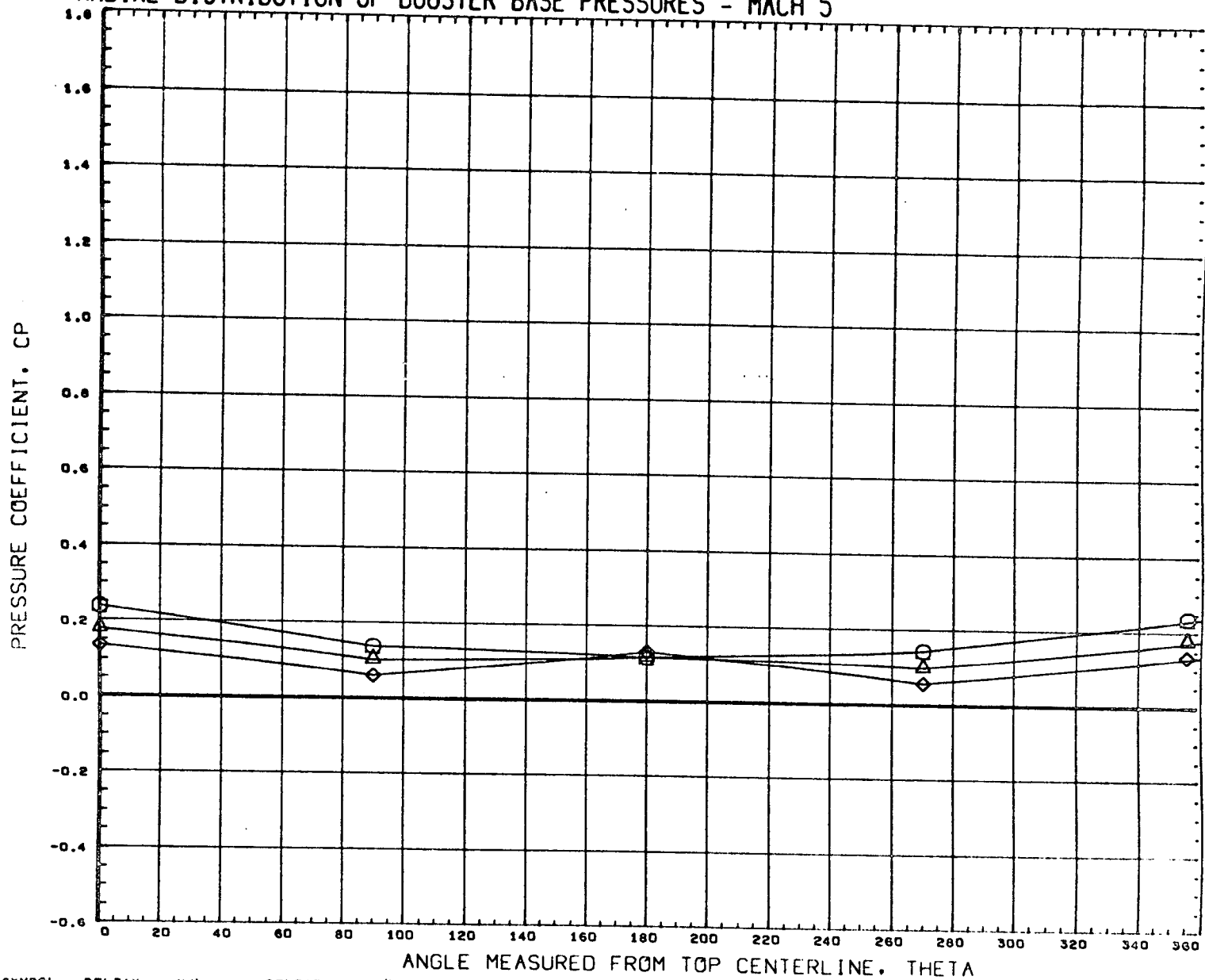
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8543•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA0	5.091
MACH	4.970	ALPHA1	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

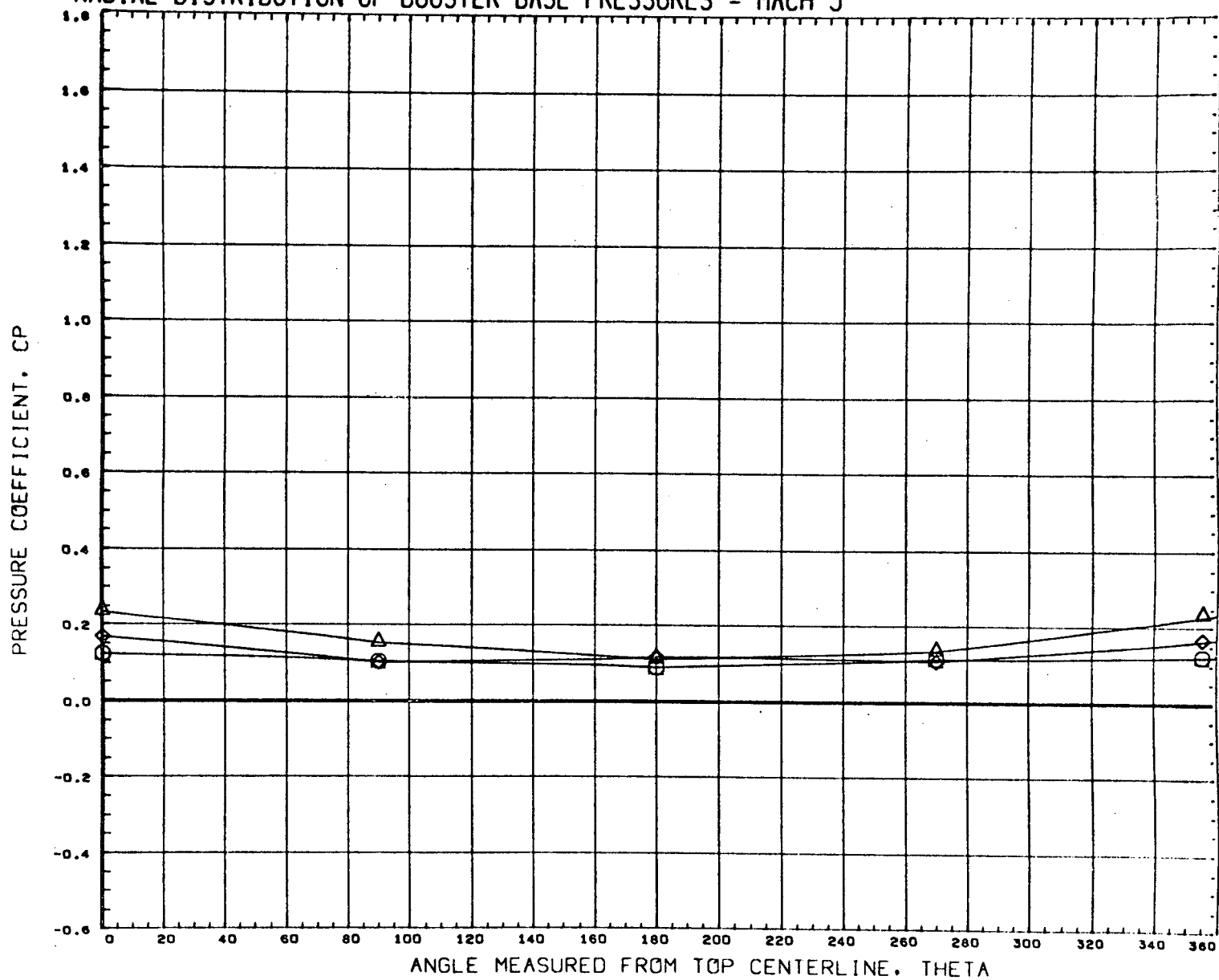
AEDC VA1163 MDAC BOOSTER (BASE)

•ET8544•

PAGE 1652

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.051
MACH	4.970	ALPHA I	5.000
ORBPOW	100.000	BSTPOW	50.000

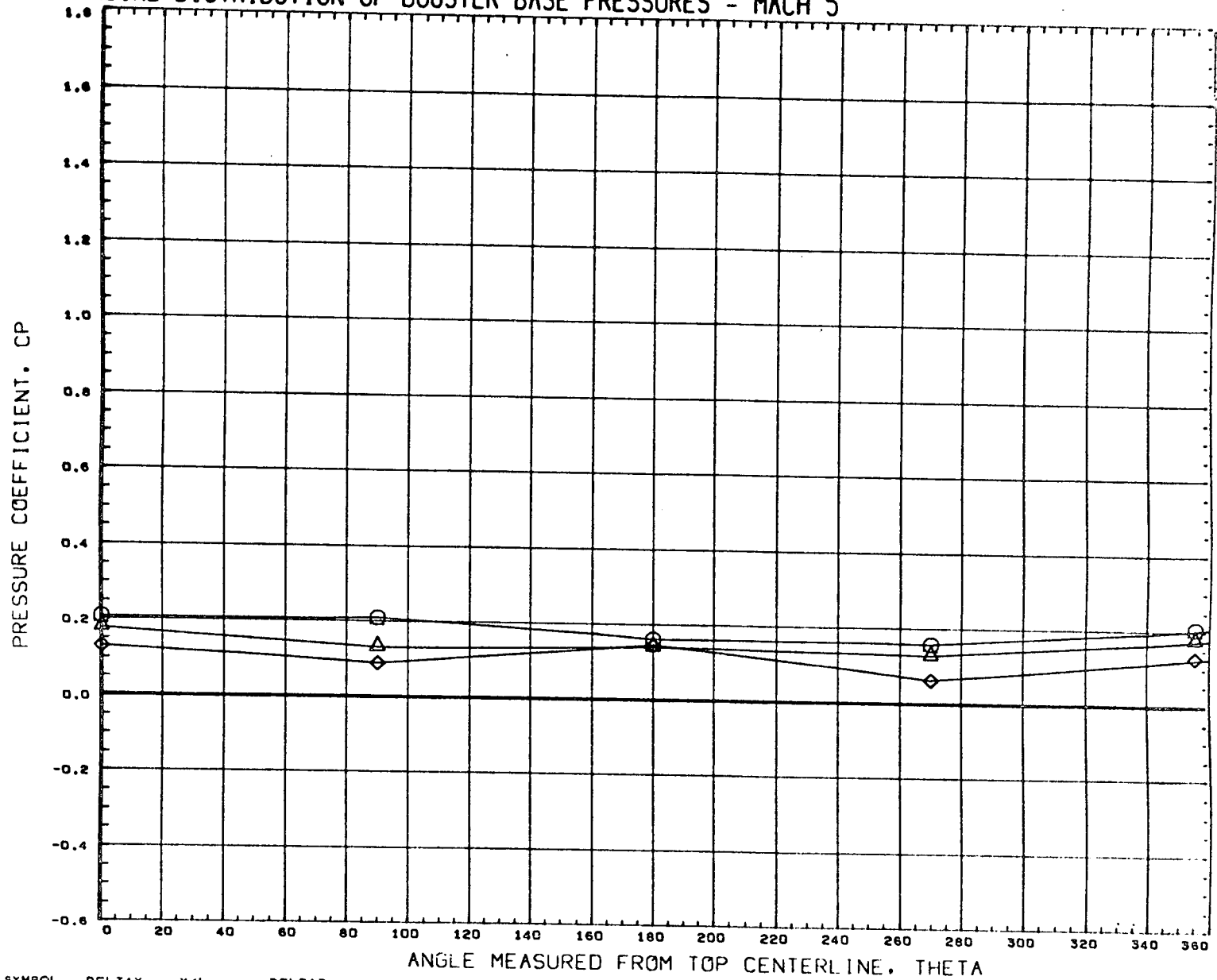
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8544•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	10.030
MACH	4.970	ALPHA I	3.000
ORBPOW	100.000	BSTPOW	30.000

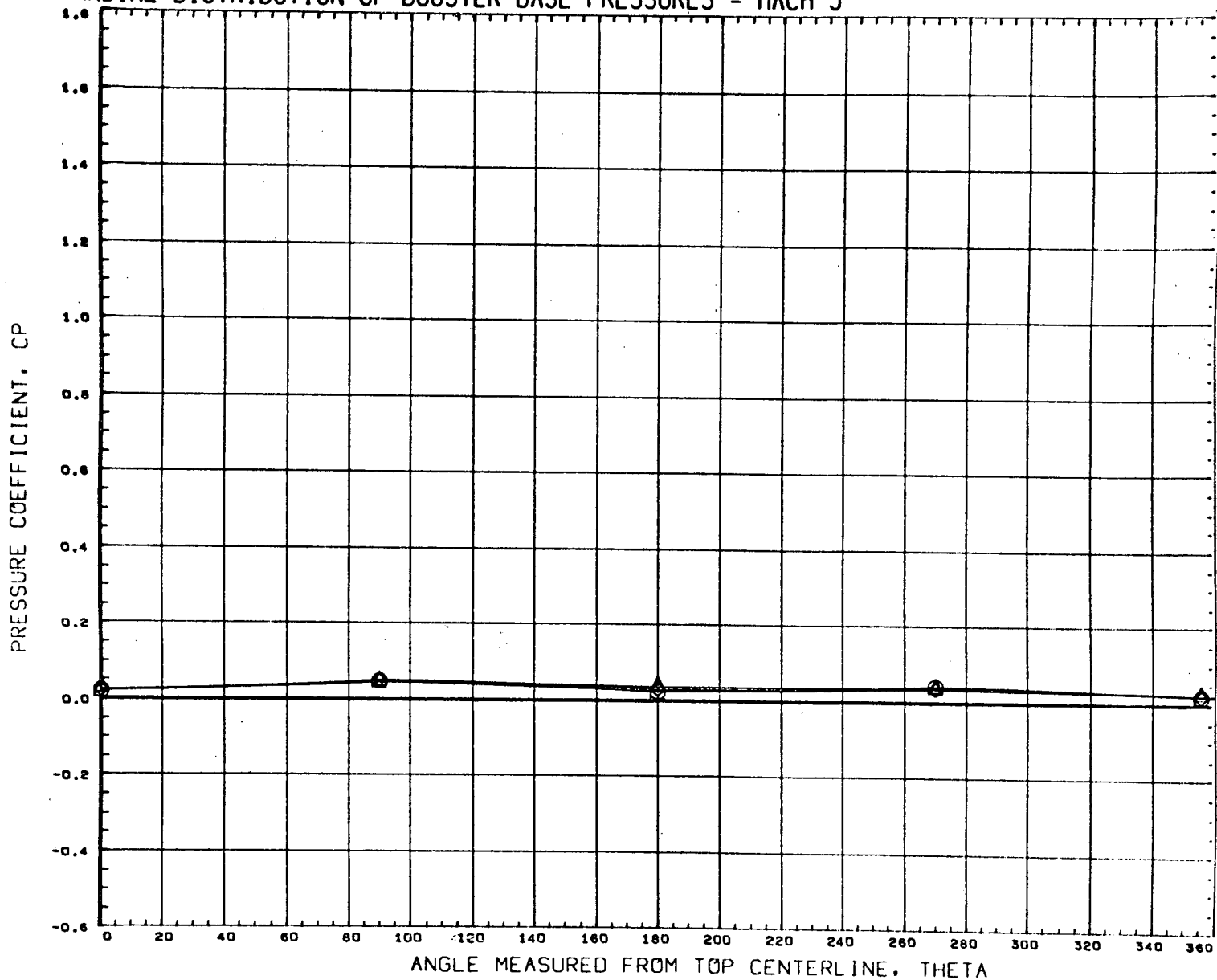
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8545•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA _B	4.891
MACH	4.970	ALPHA _I	5.000
ORBPOW	0.000	BSTPOW	0.000

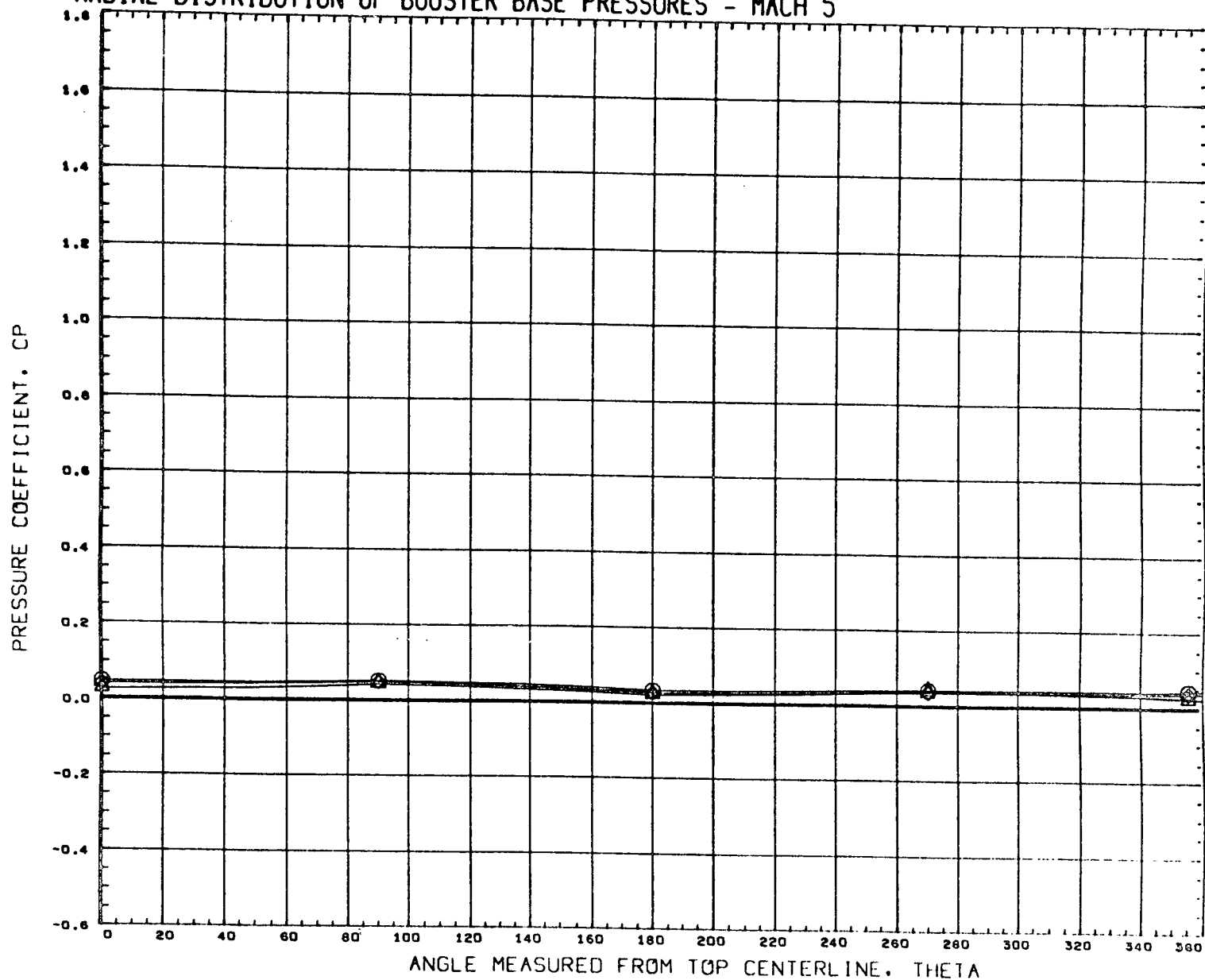
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8552•

PAGE 1655

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.891
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

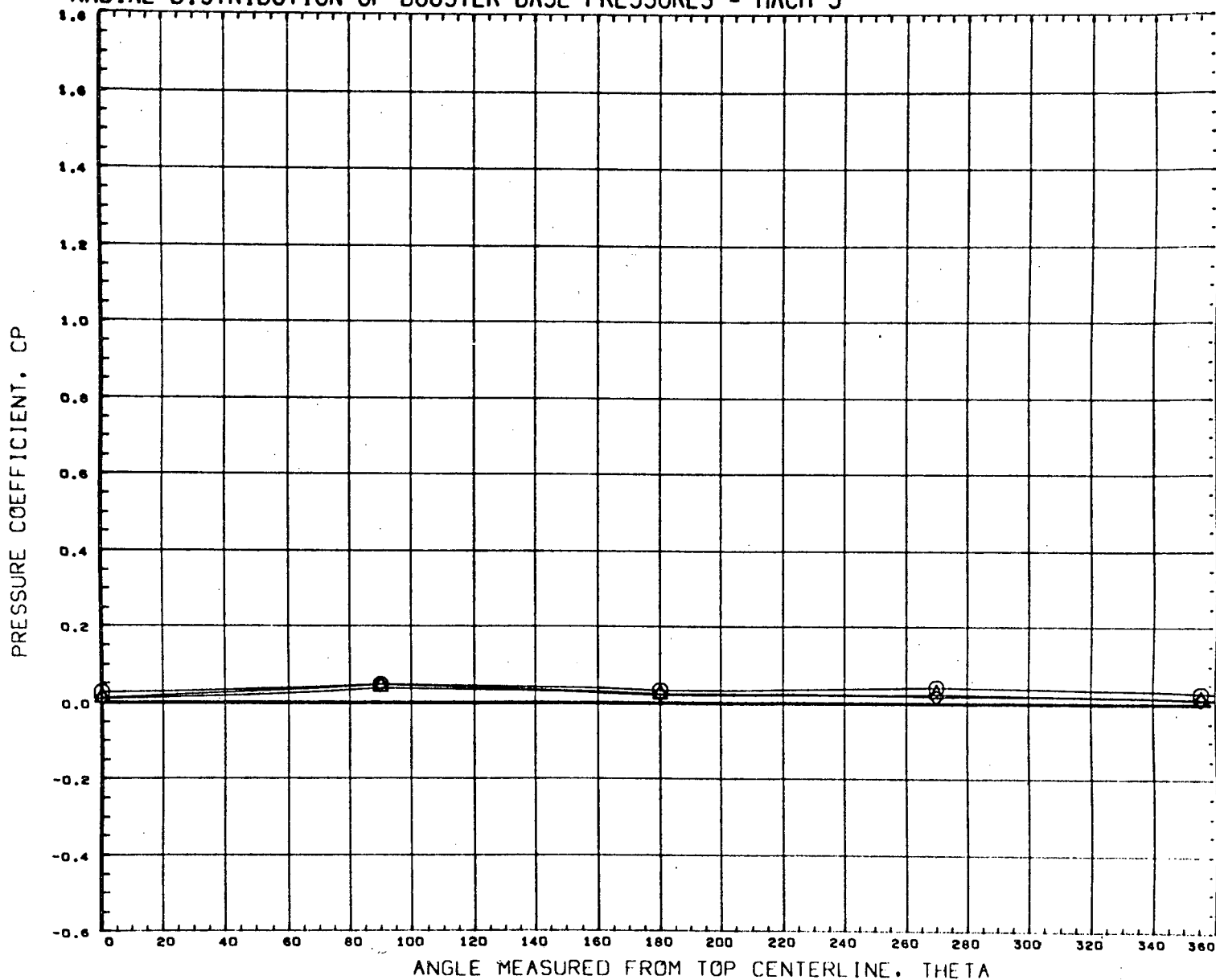
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8552•

PAGE 1656

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.060
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

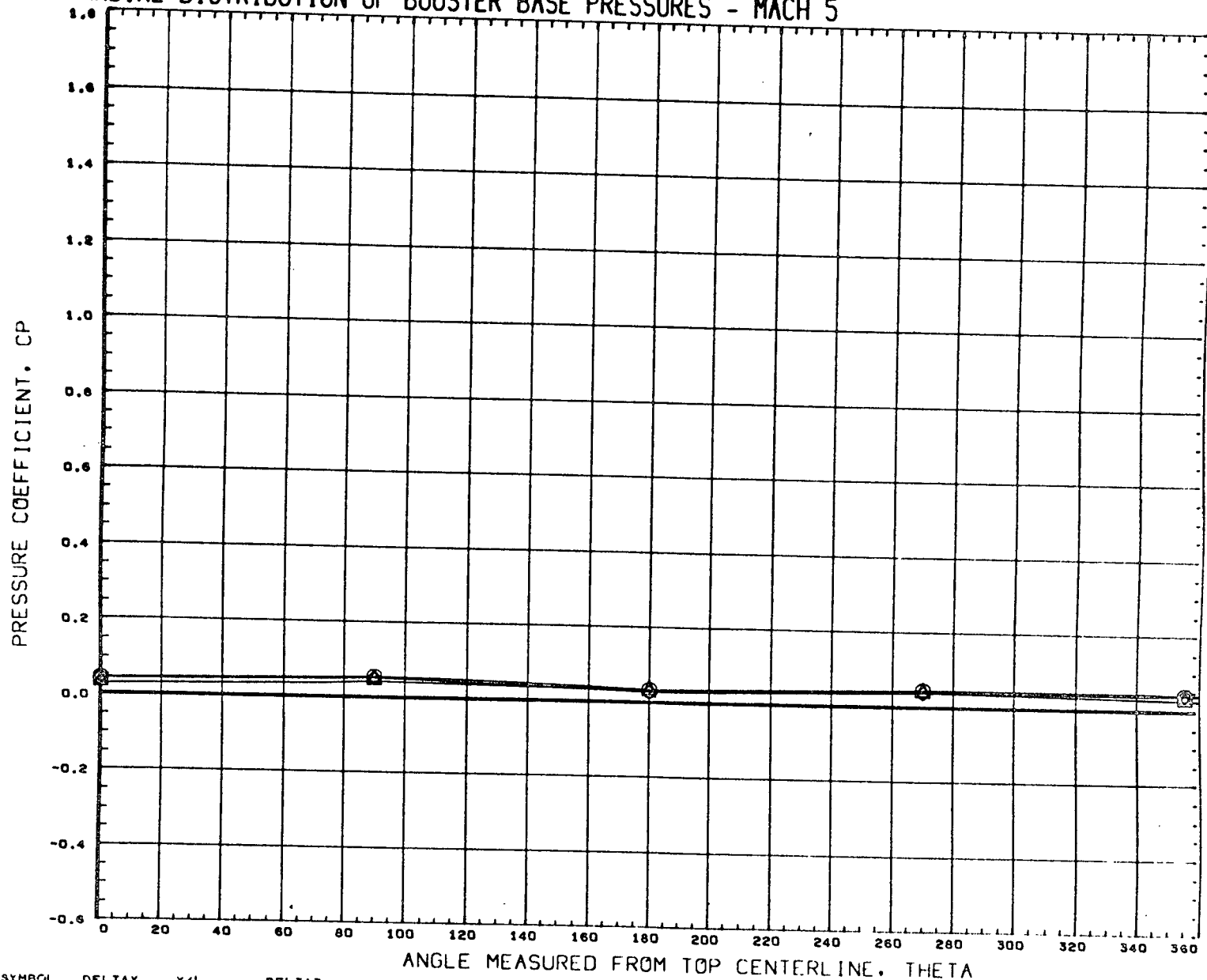
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8553•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.060
MACH	4.970	ALPHA T	9.000
ORBPOW	0.000	BSTPOW	0.000

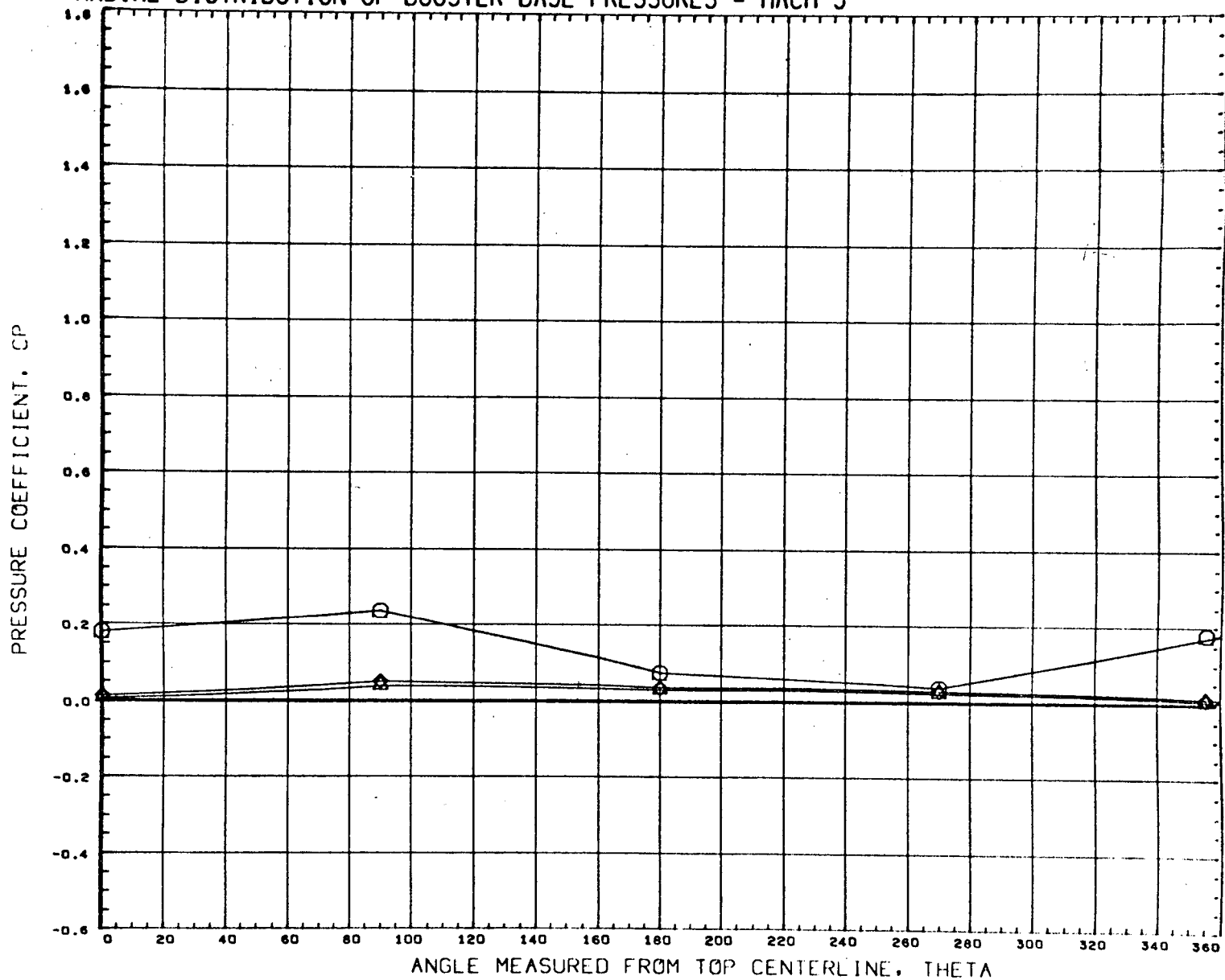
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8553•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.190
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

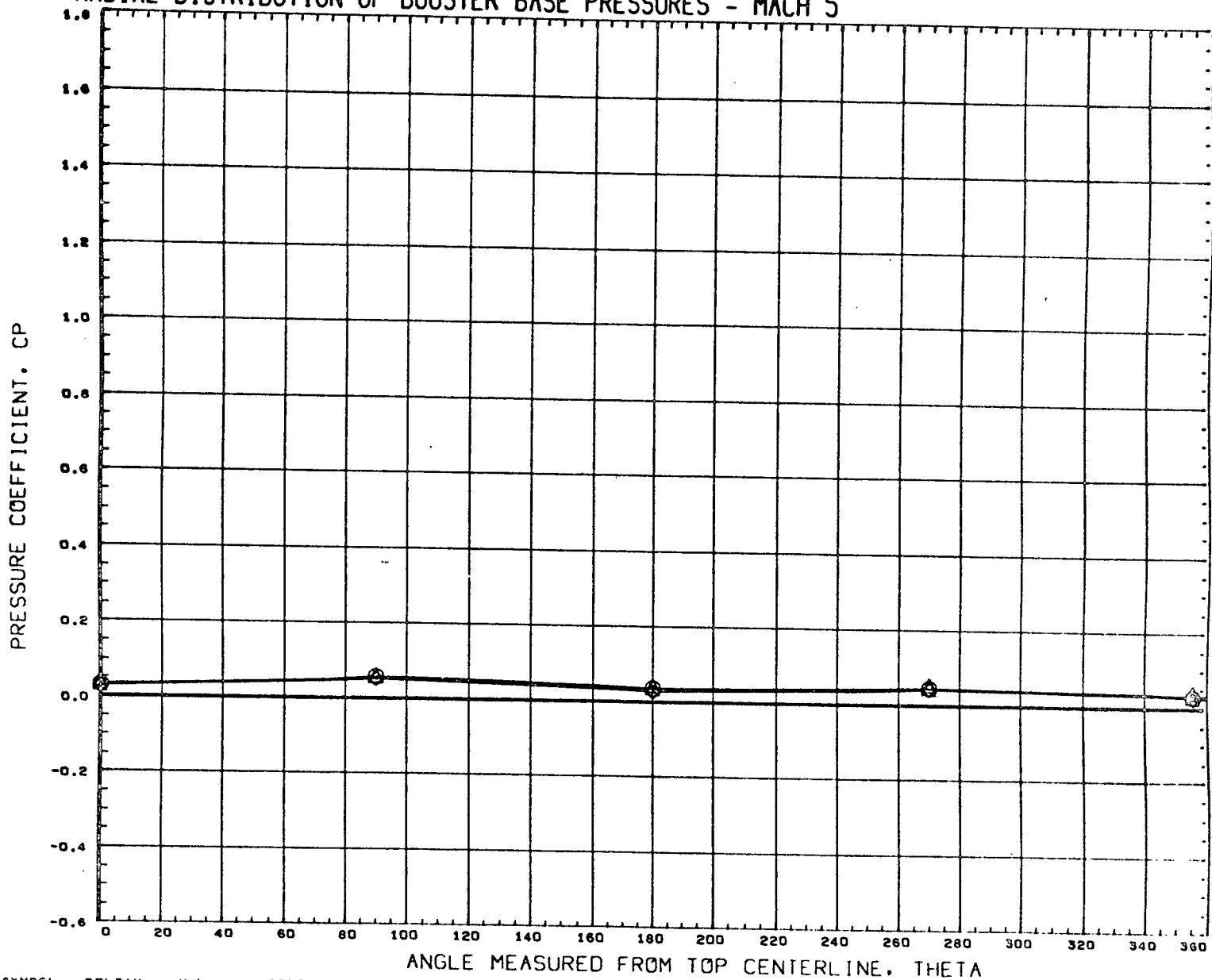
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8554•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHA I	5.000
ORBPOW	0.000	BSTPOW	0.000

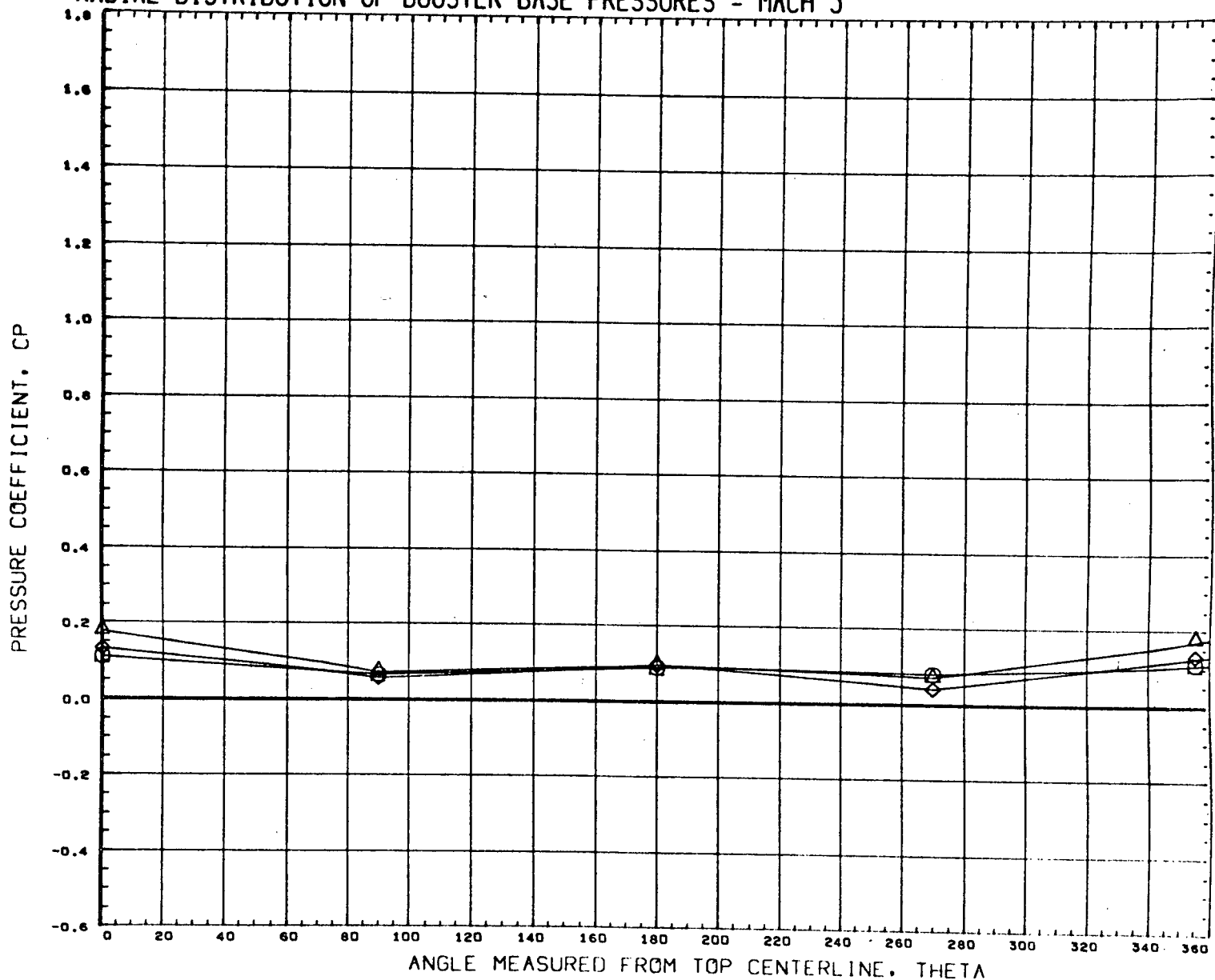
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8554•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.143	1.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.935
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

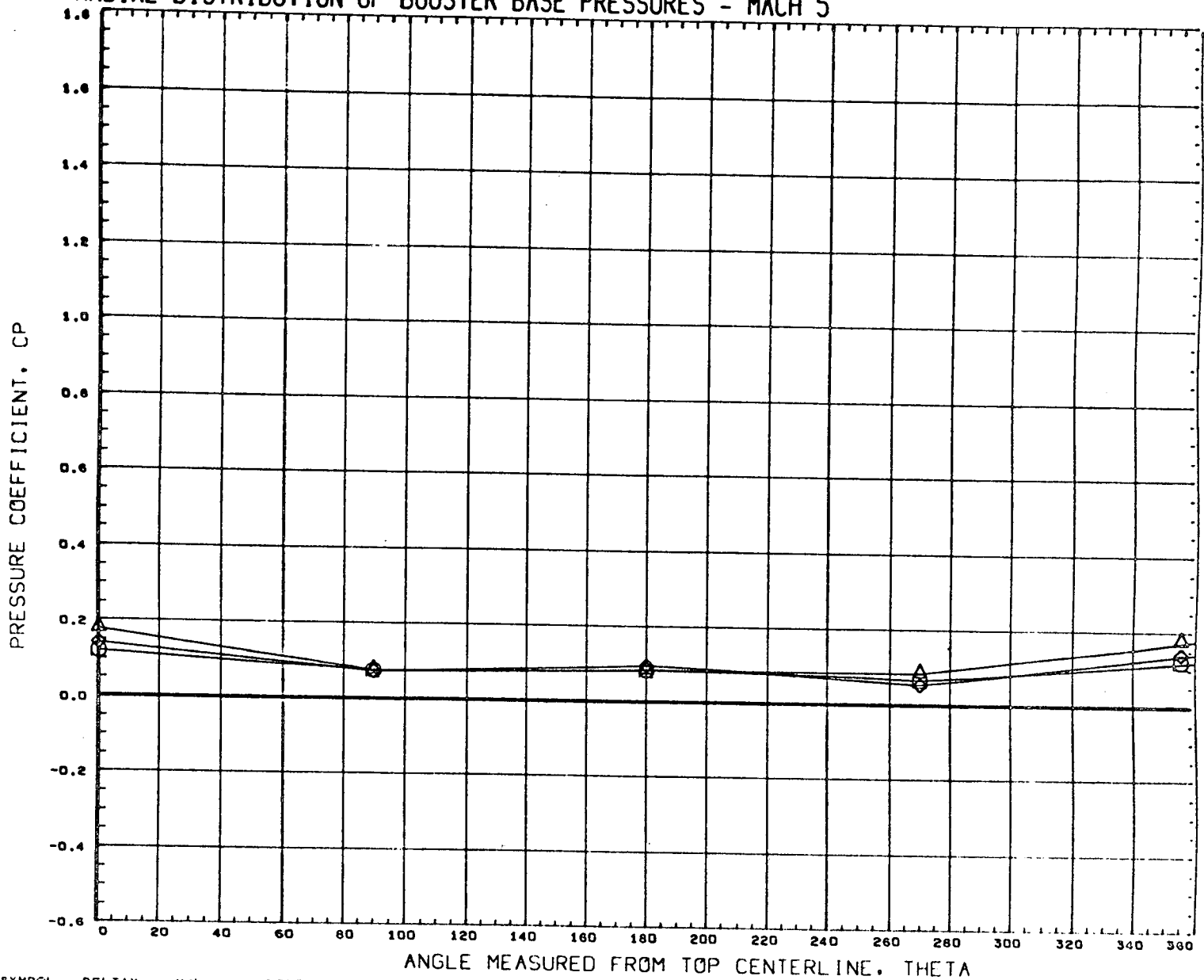
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8562•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.935
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

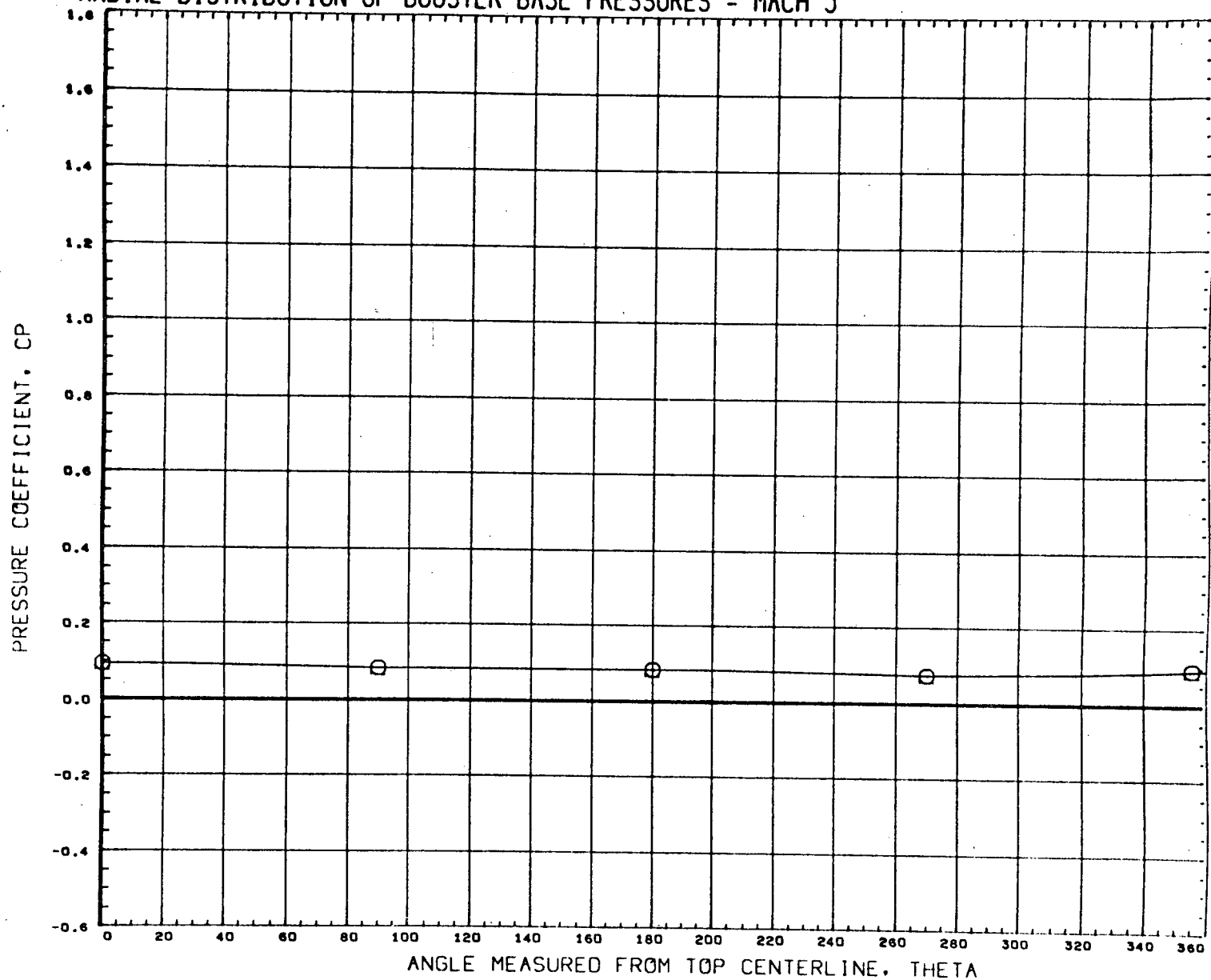
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8562•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.520	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.935
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

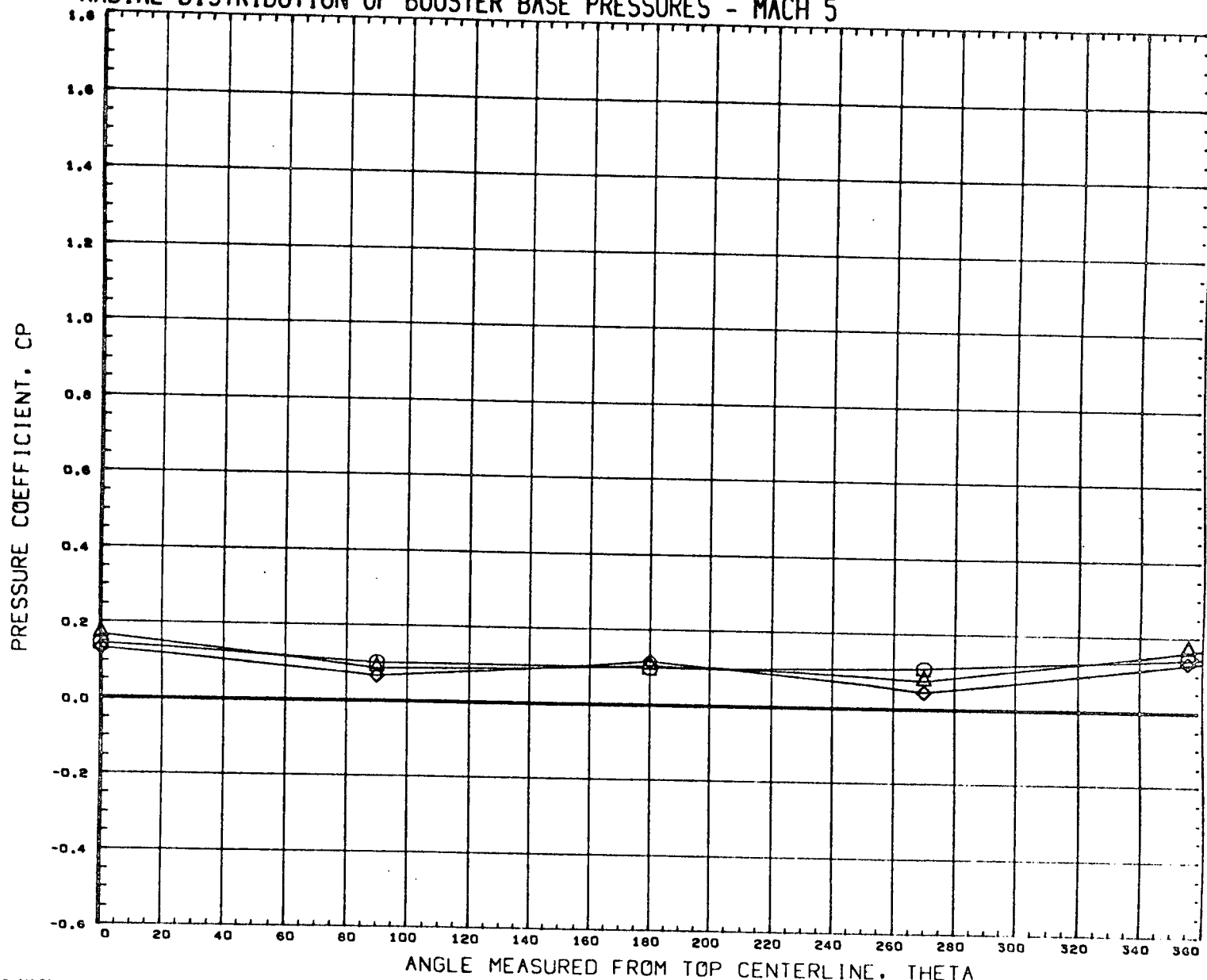
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8562•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.143	1.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

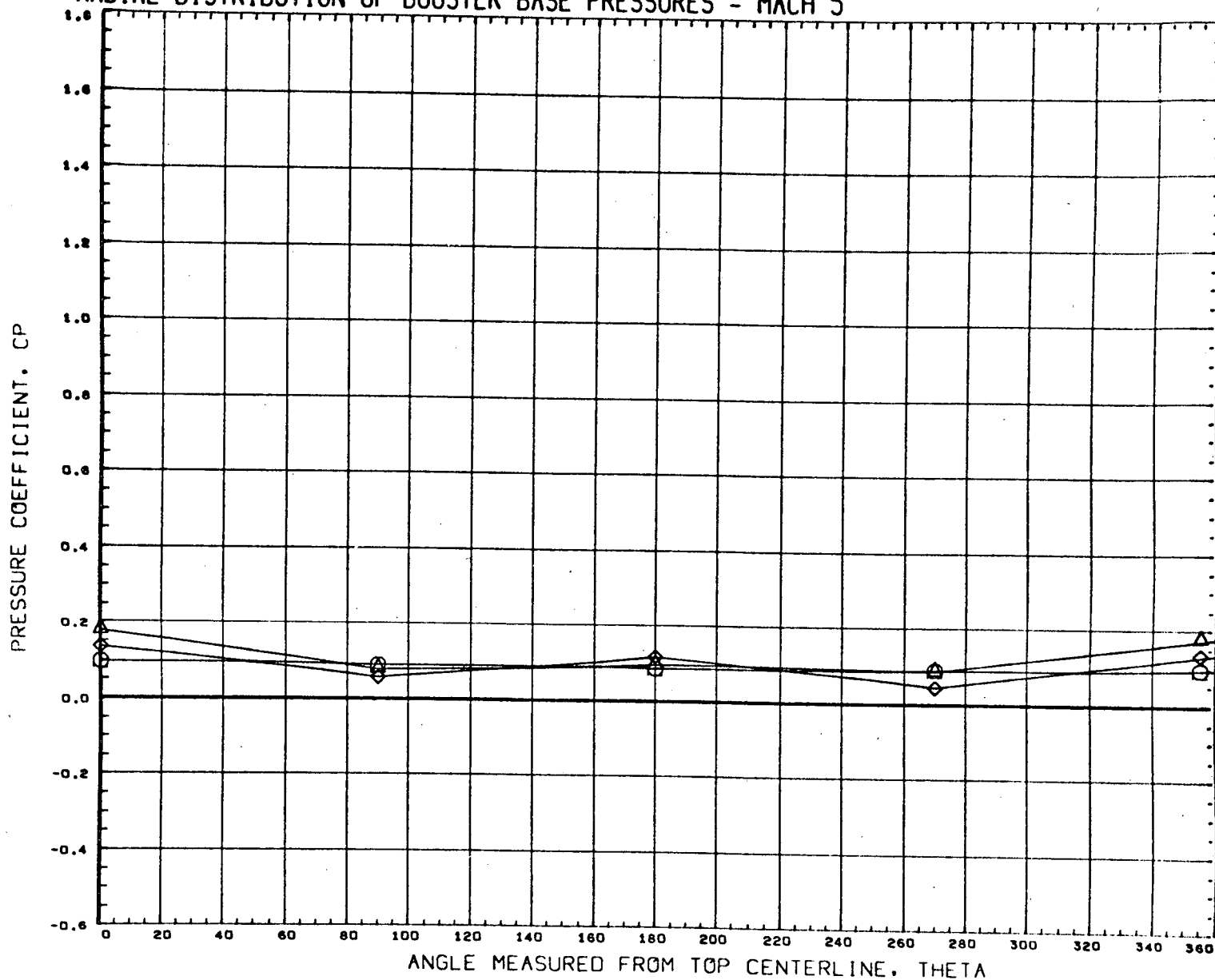
AEDC VA1163 MDAC BOOSTER (BASE)

•ET8563•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.002
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

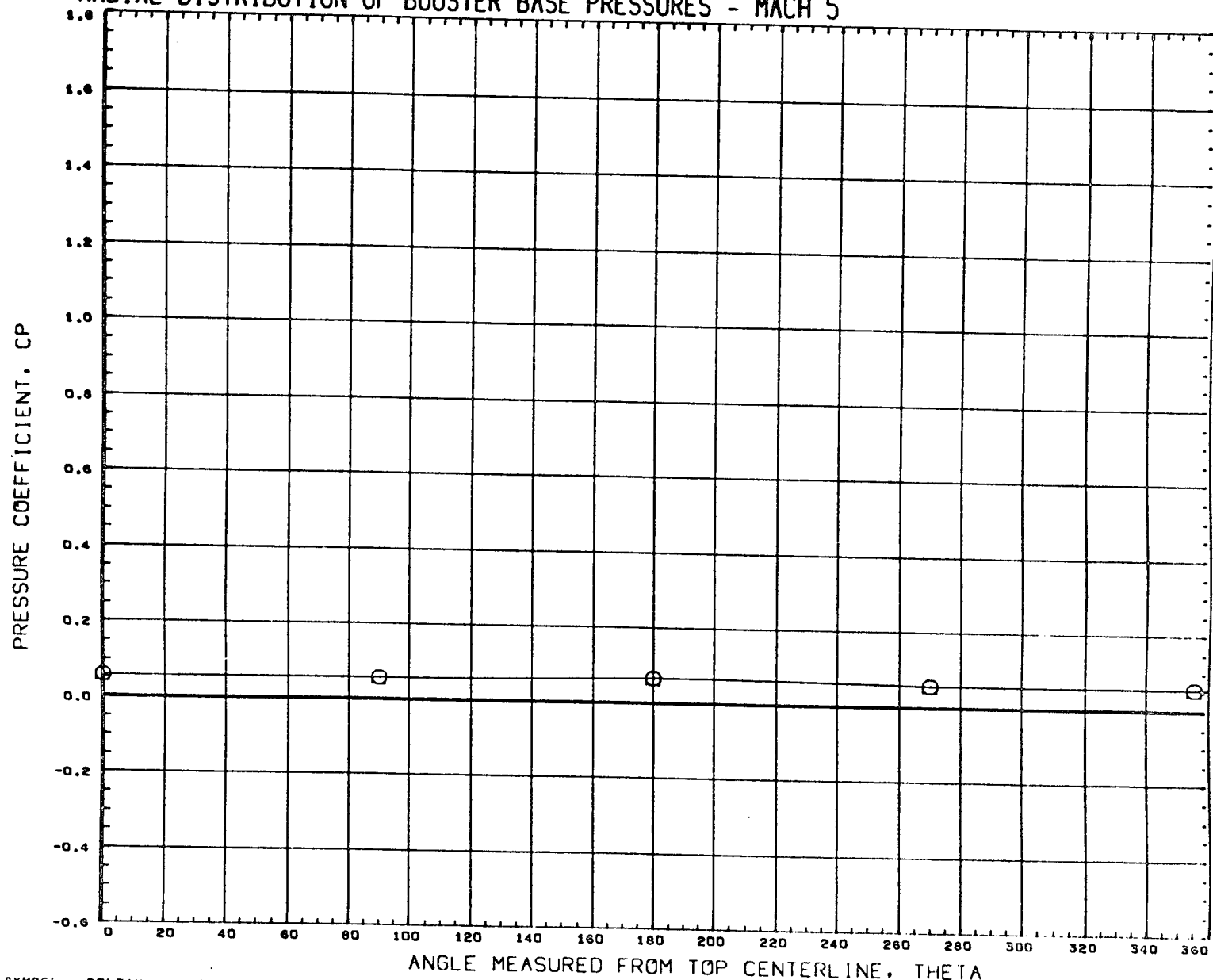
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8563•

PAGE 1665

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.002
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 50.000

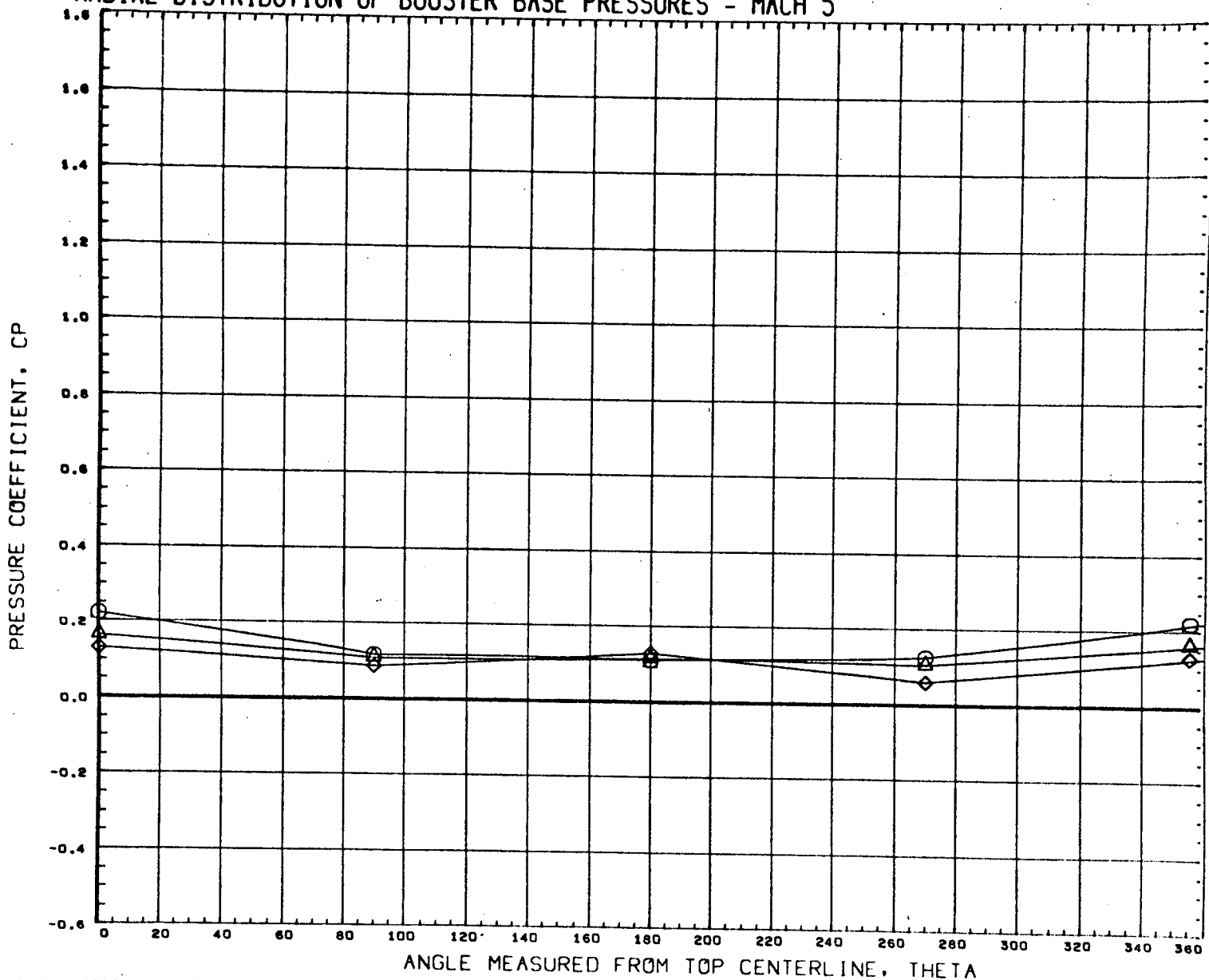
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8563•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.143	1.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.578
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

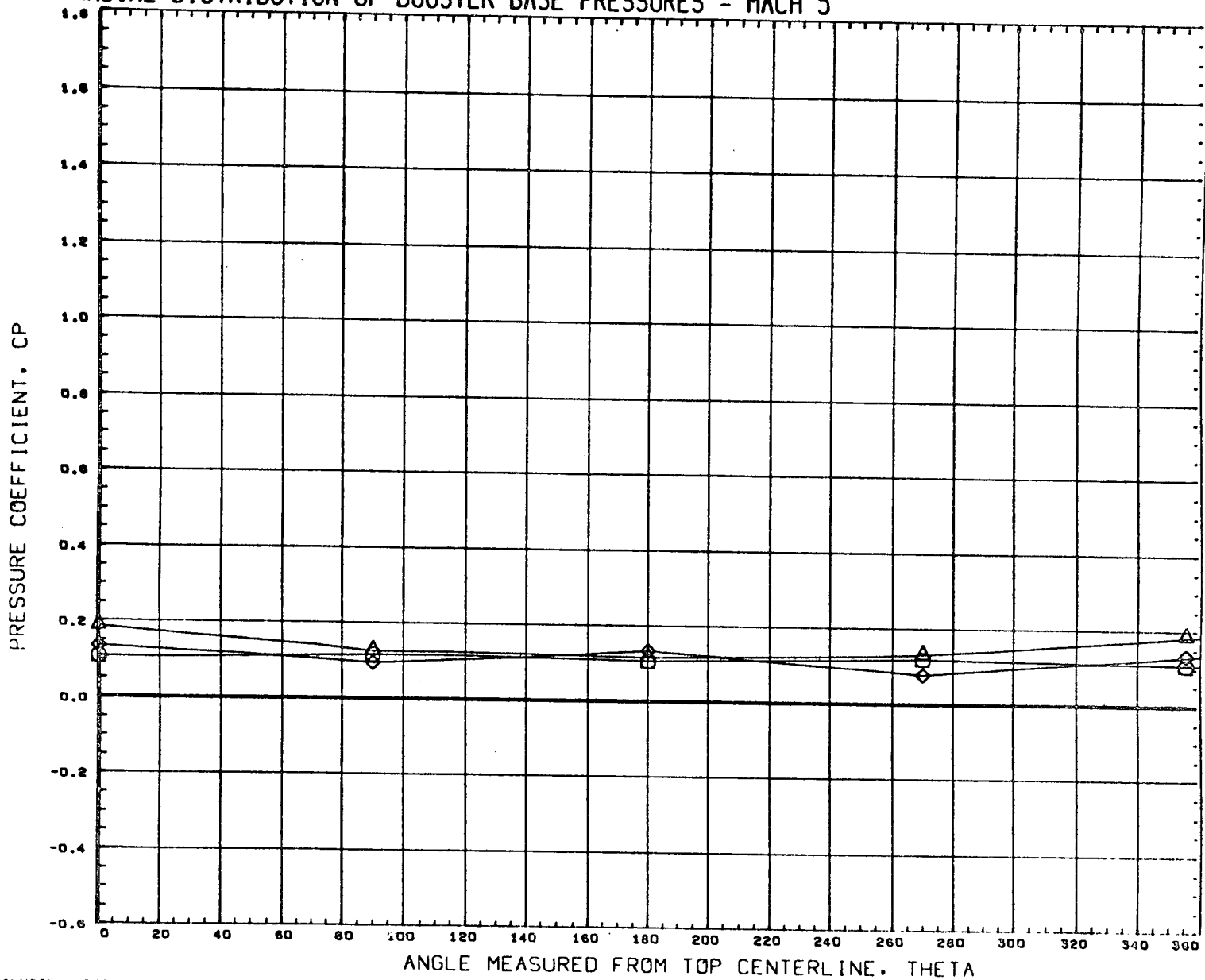
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8564•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	3.970
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	50.000

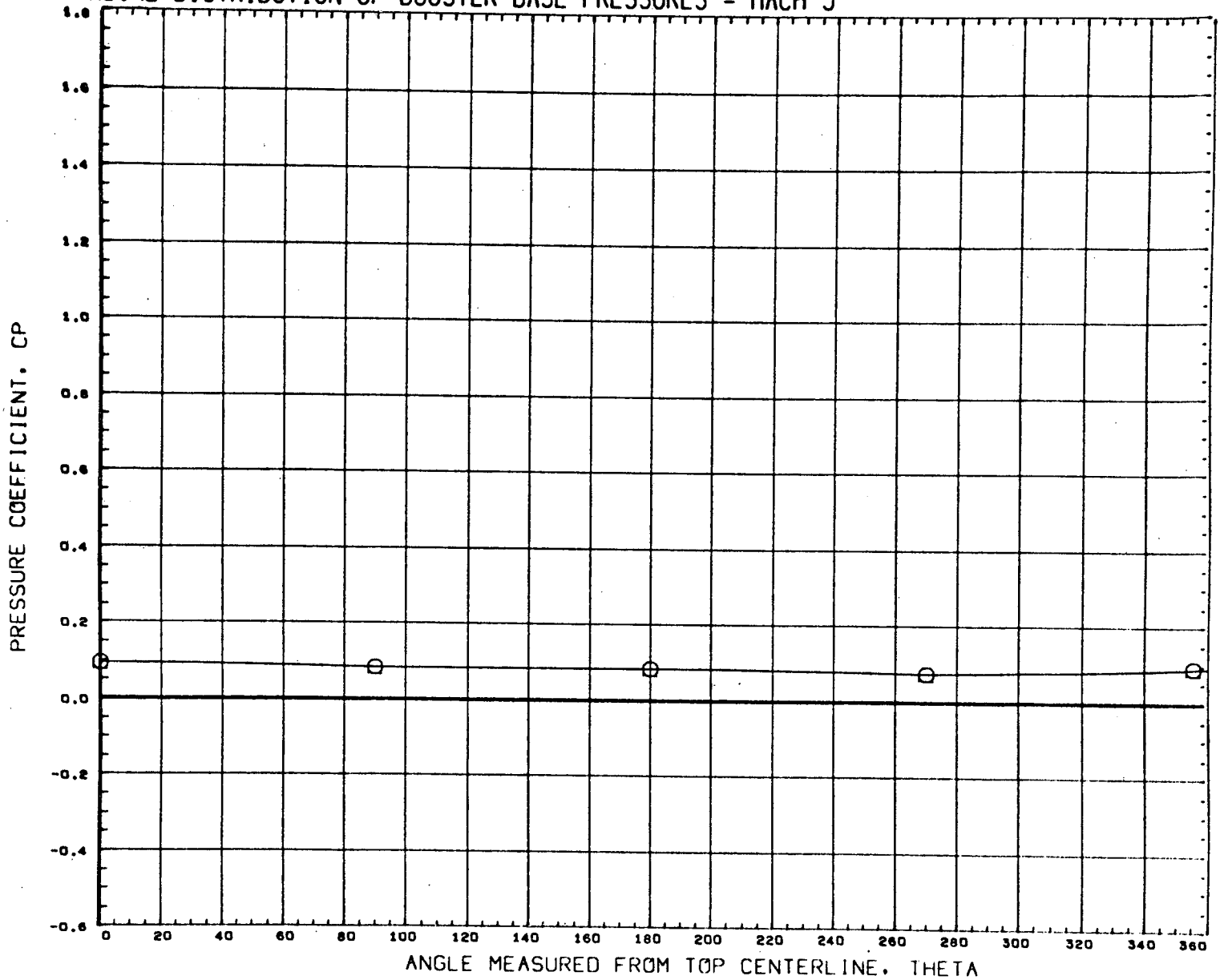
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8564•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.520	1.000	0.908

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	90.000

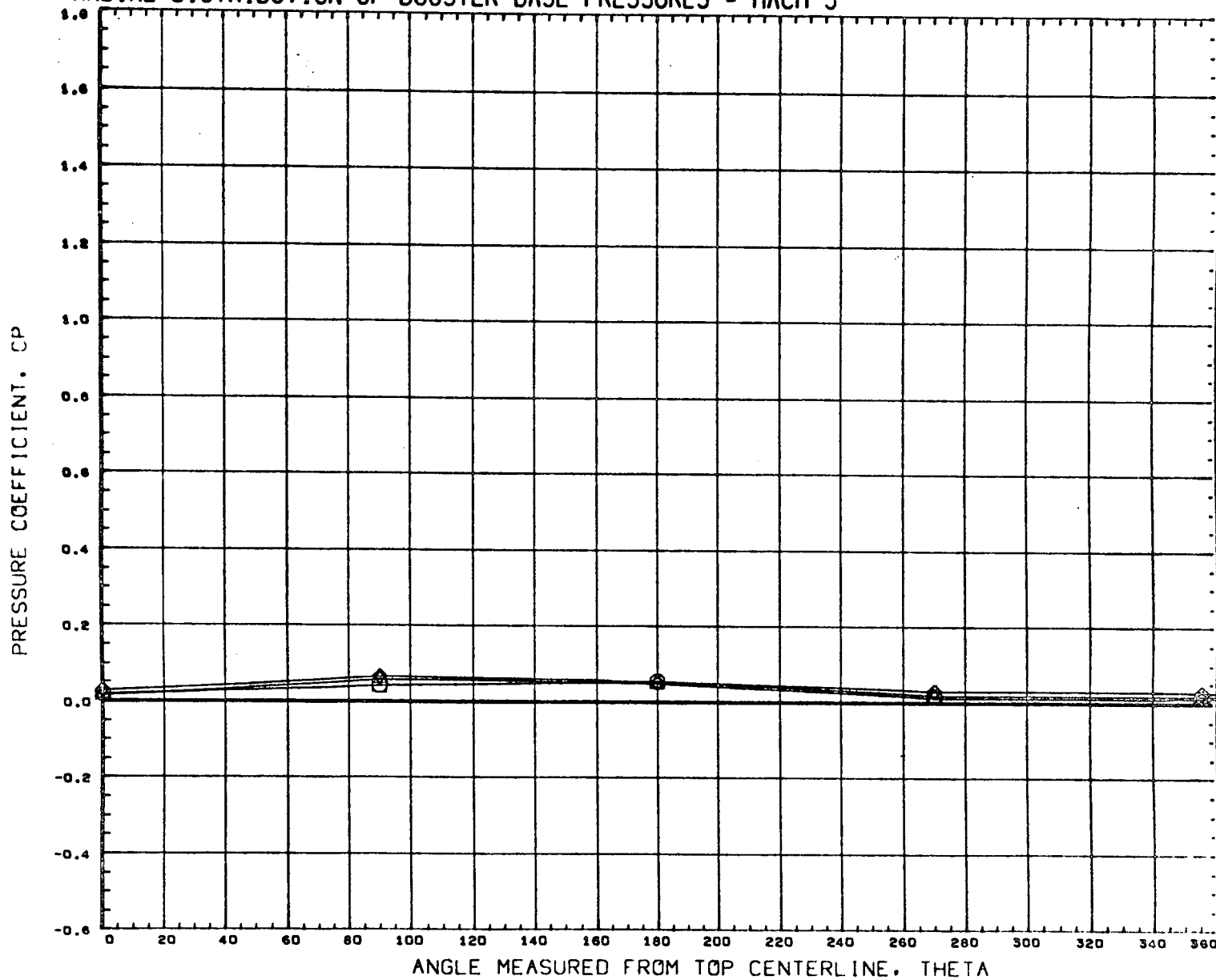
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8564•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	- 4.030
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

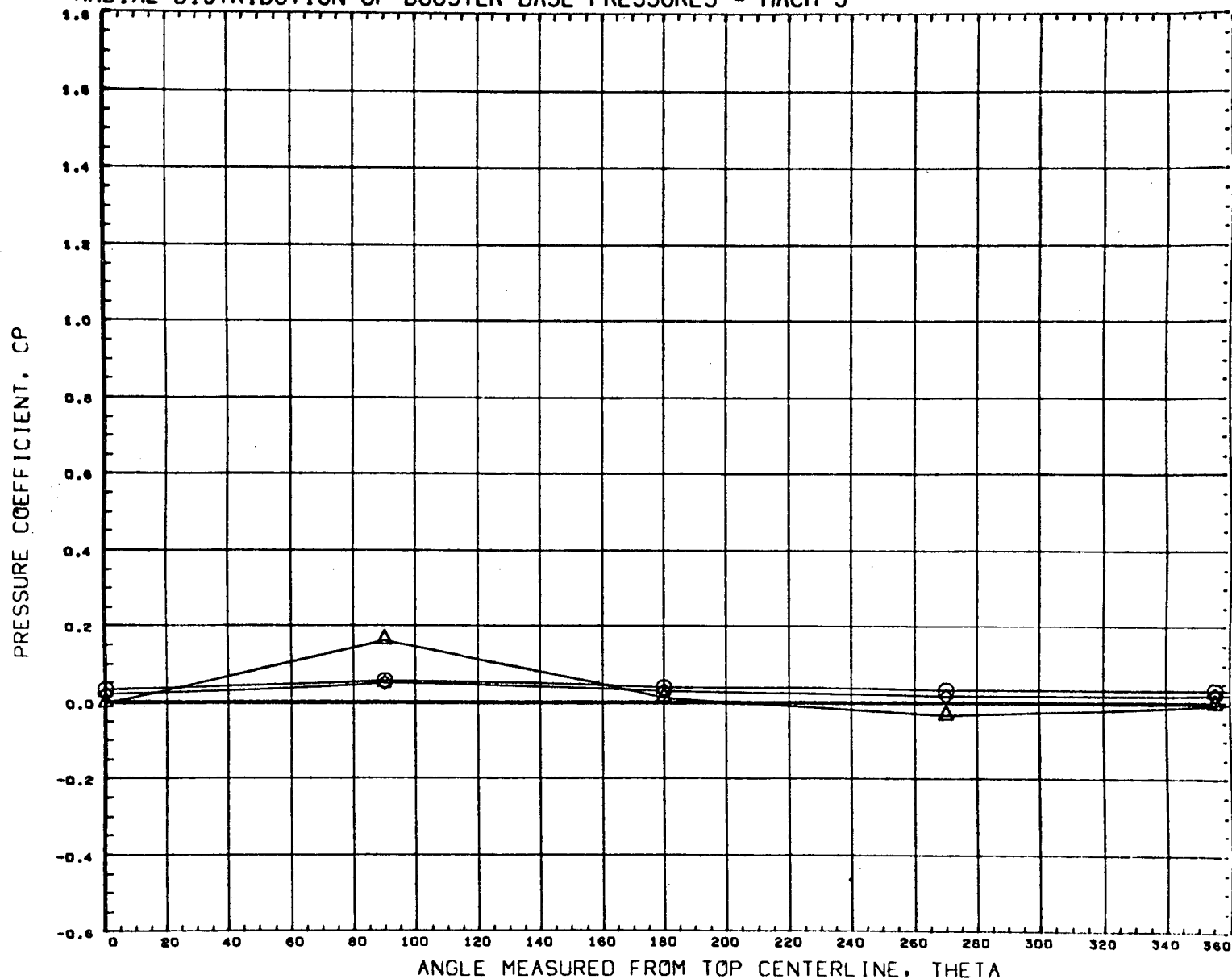
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8572•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

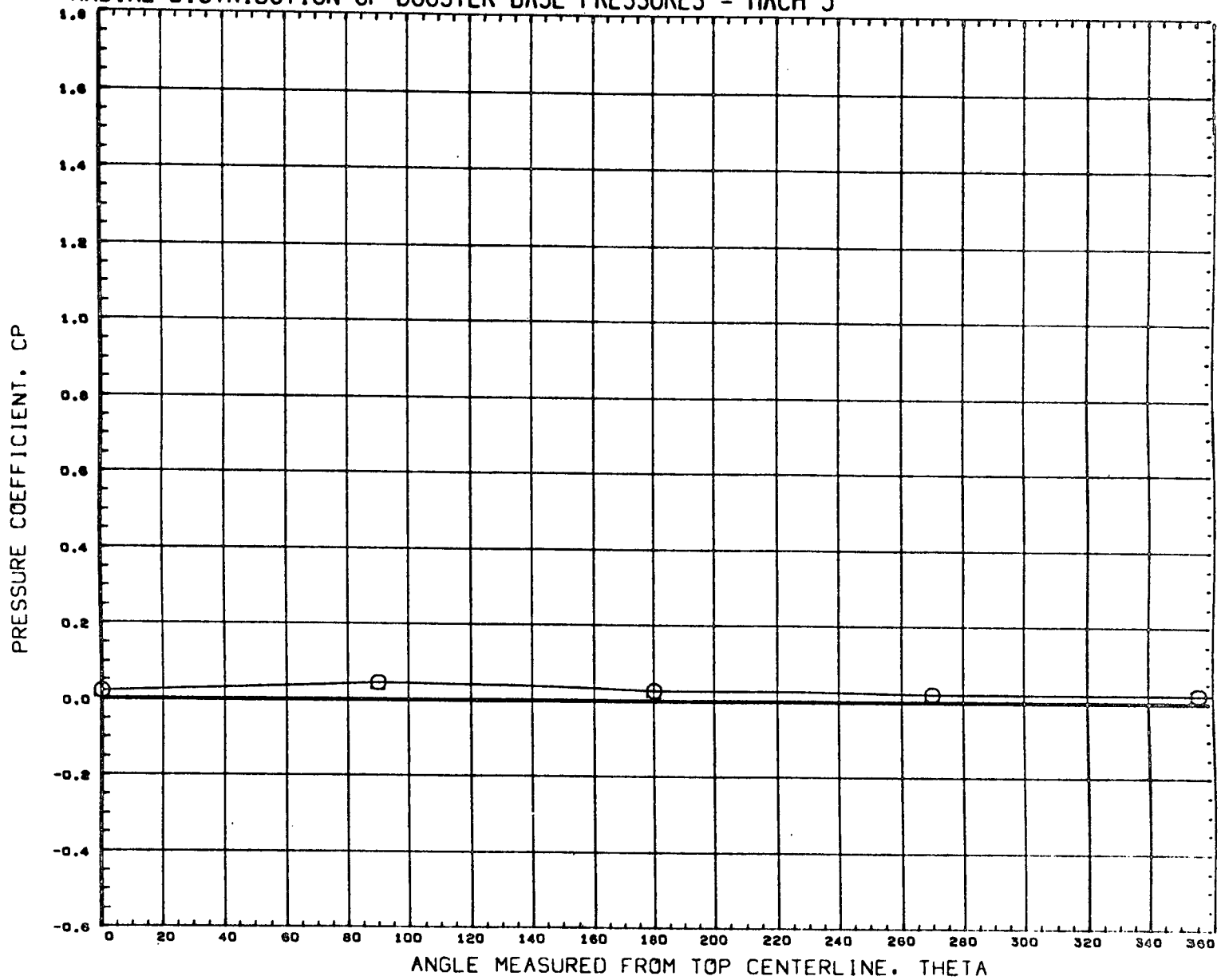
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8572•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 O 0.520 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.930
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

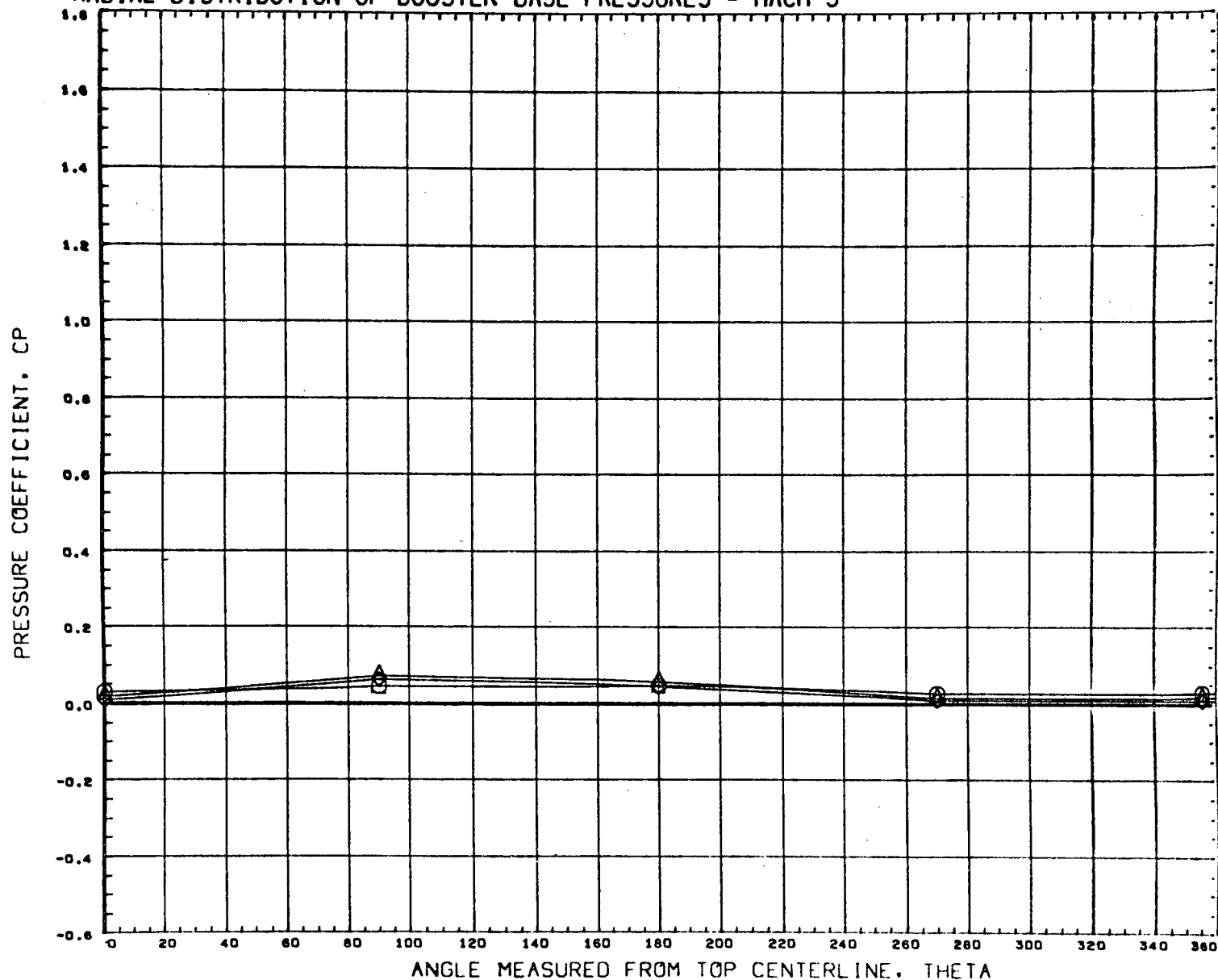
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8572•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

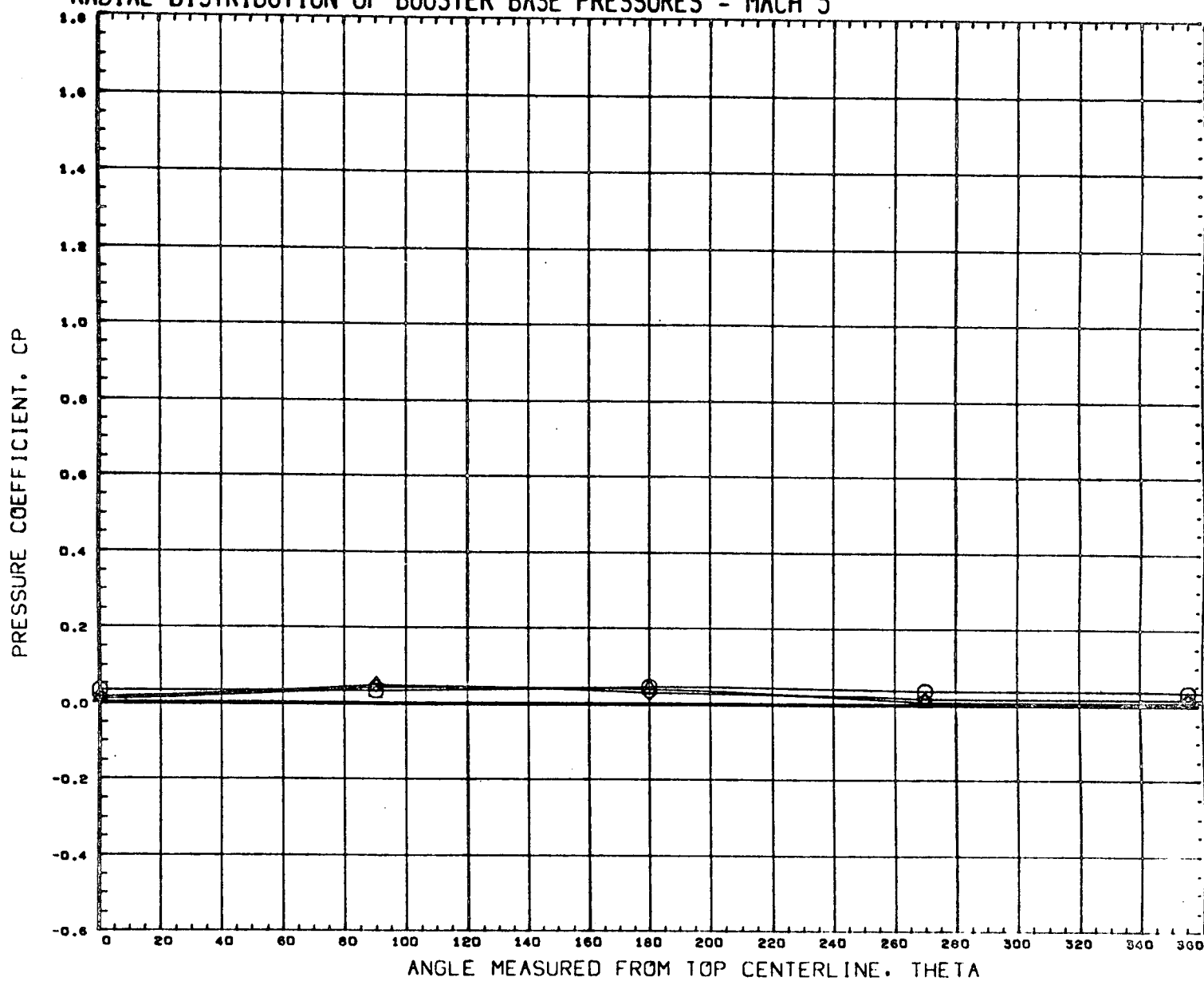
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8573•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPCW	0.000

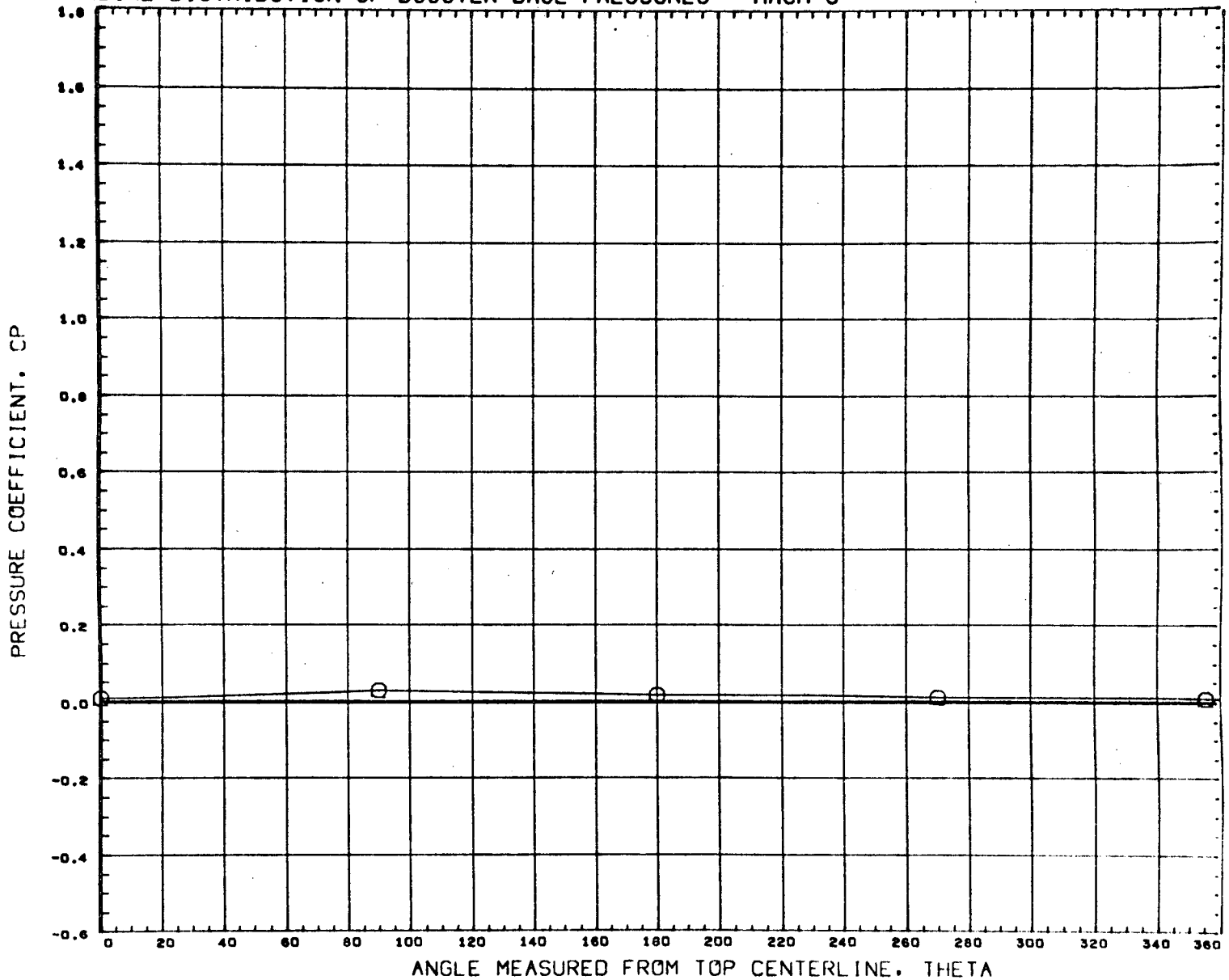
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8573•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.001
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

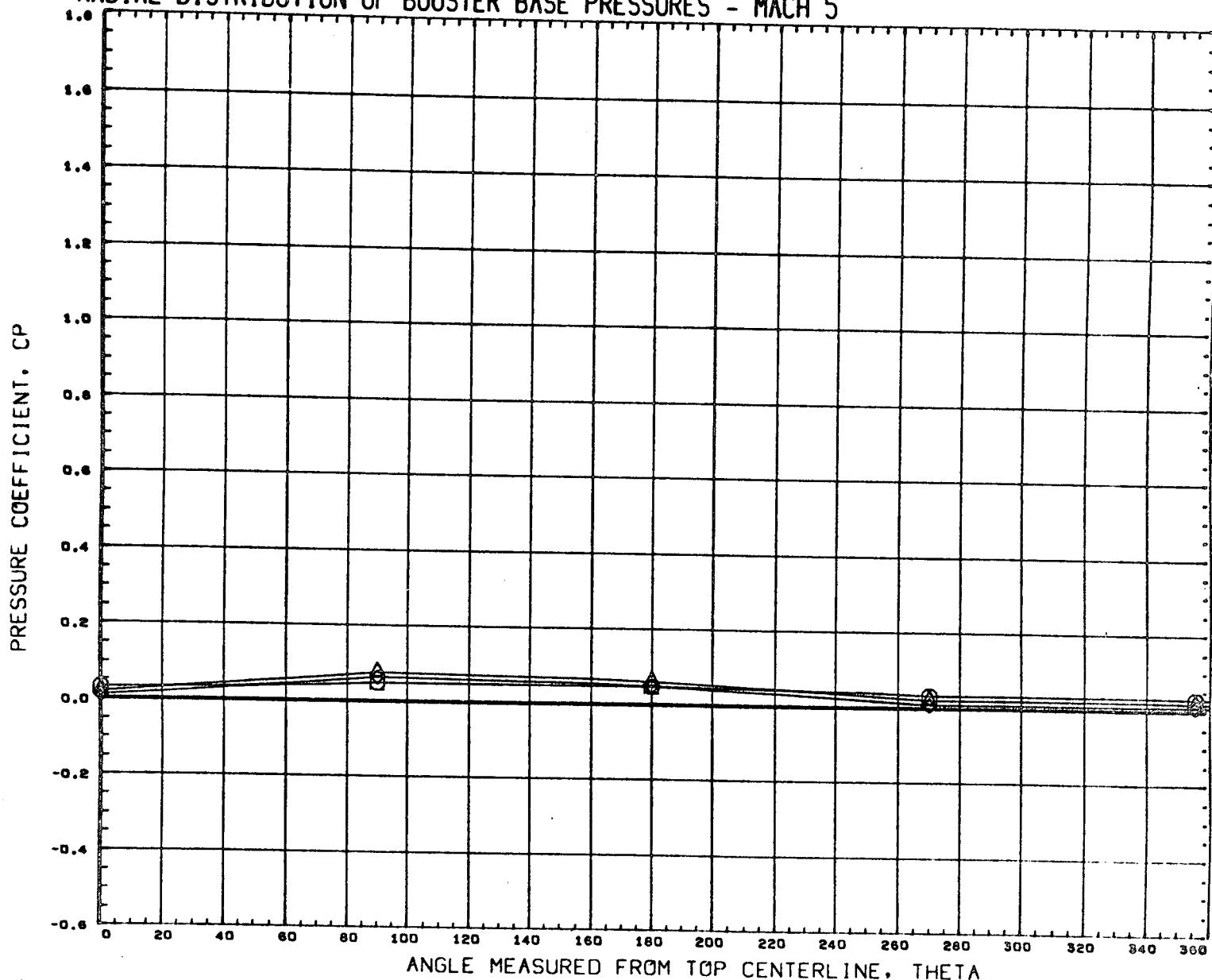
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8573•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

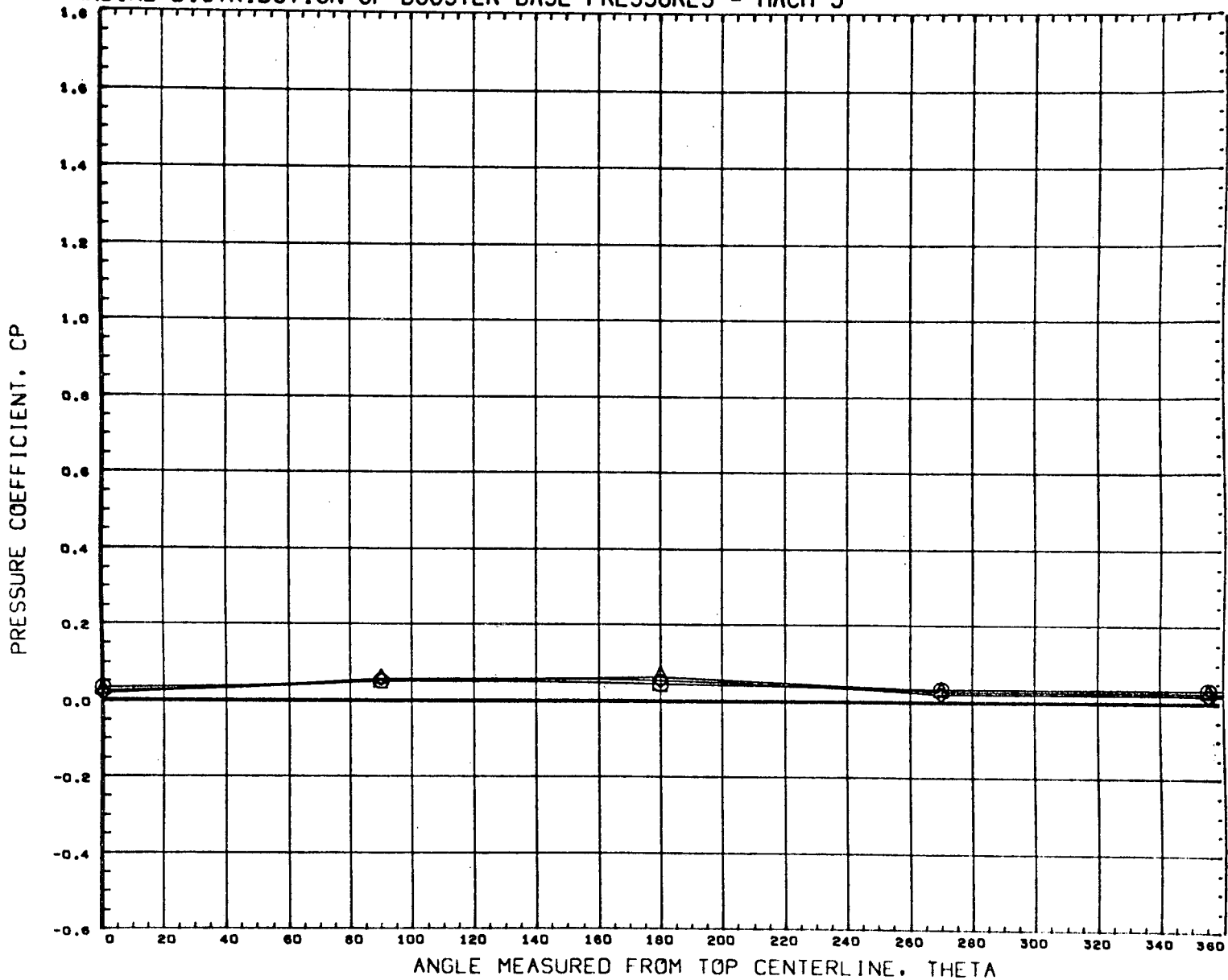
AEDC VA1163 MDAC BOOSTER (BASE)

•ET8574•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.994
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

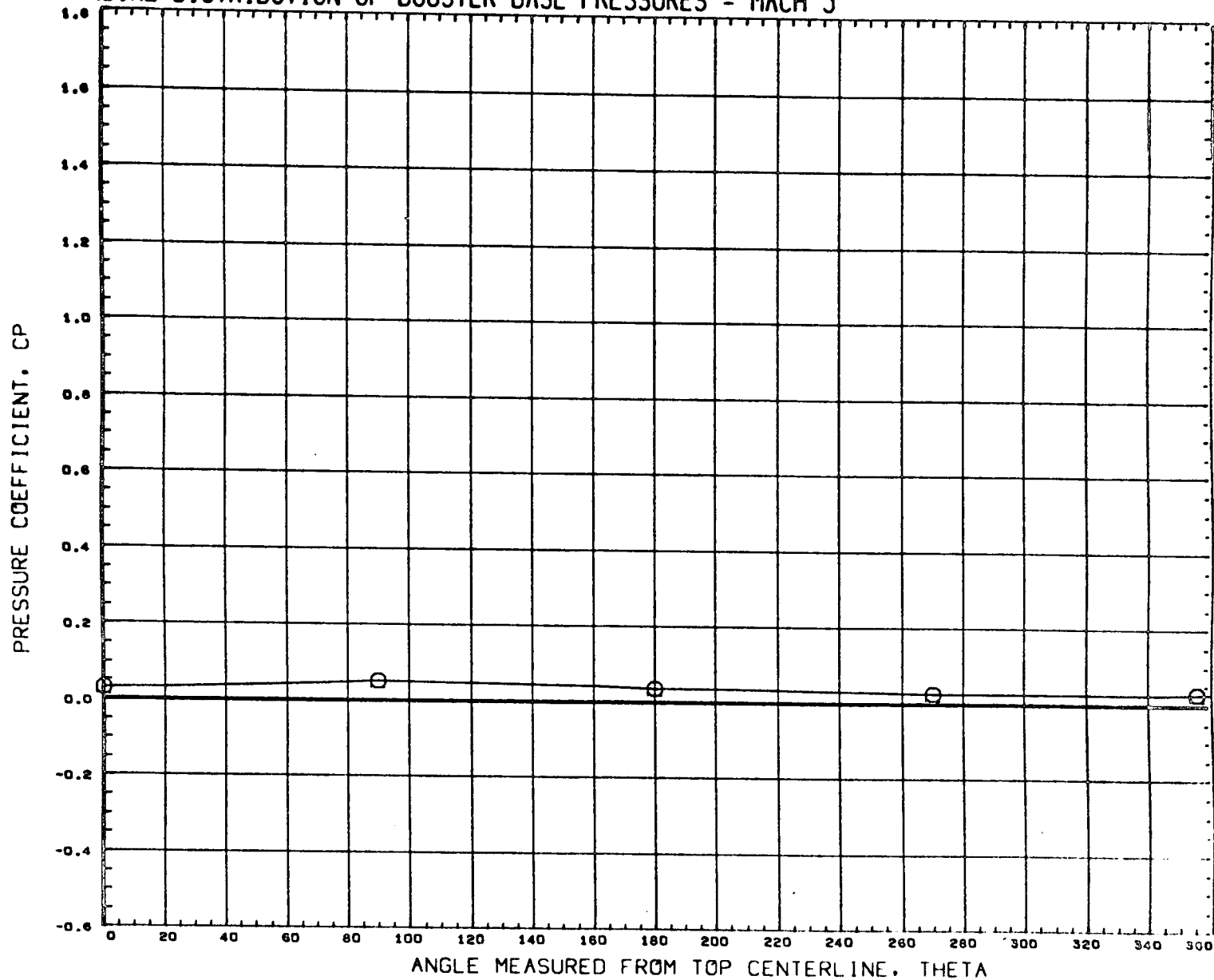
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8574•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 4.004
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

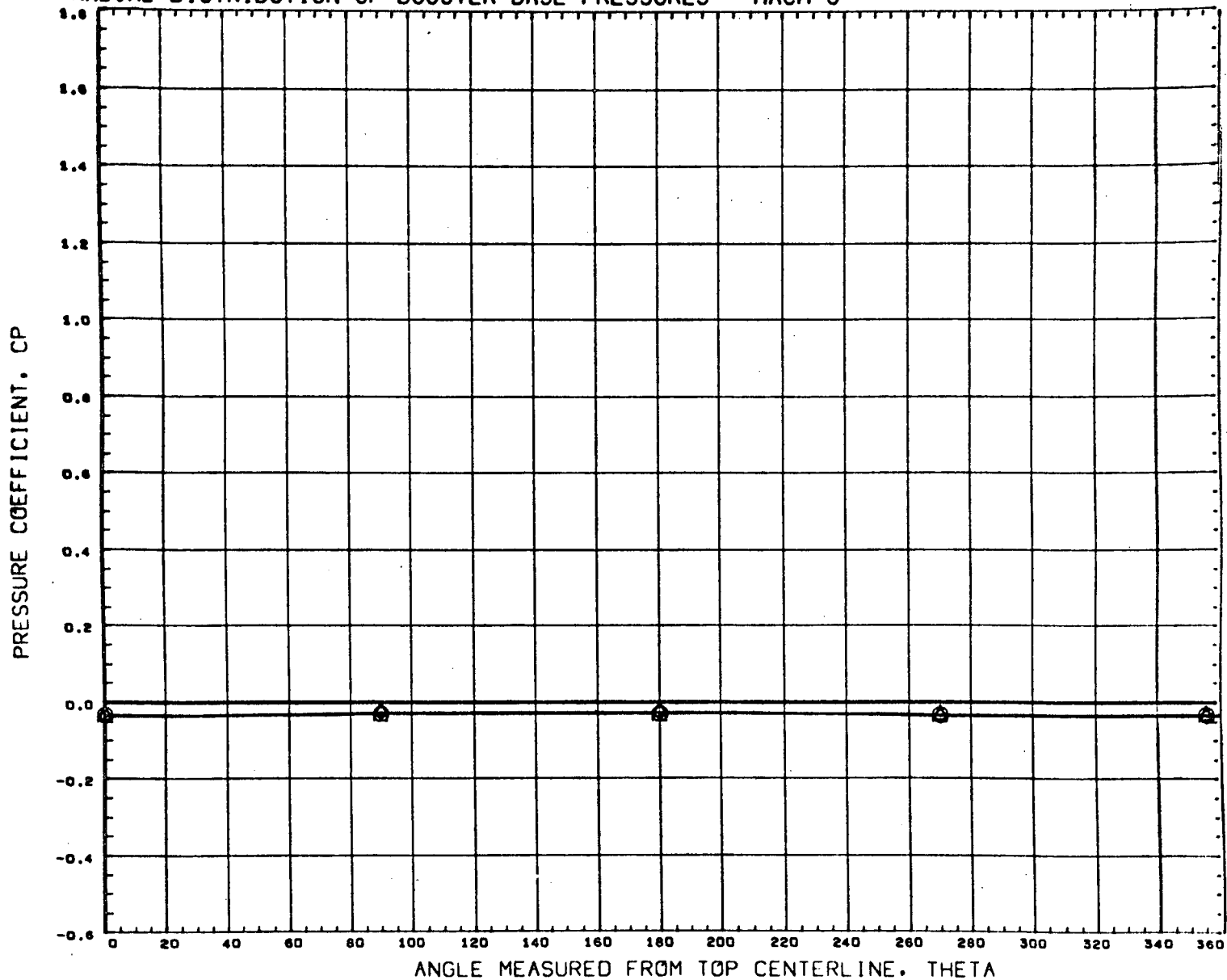
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8574•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	- 0.144	1.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

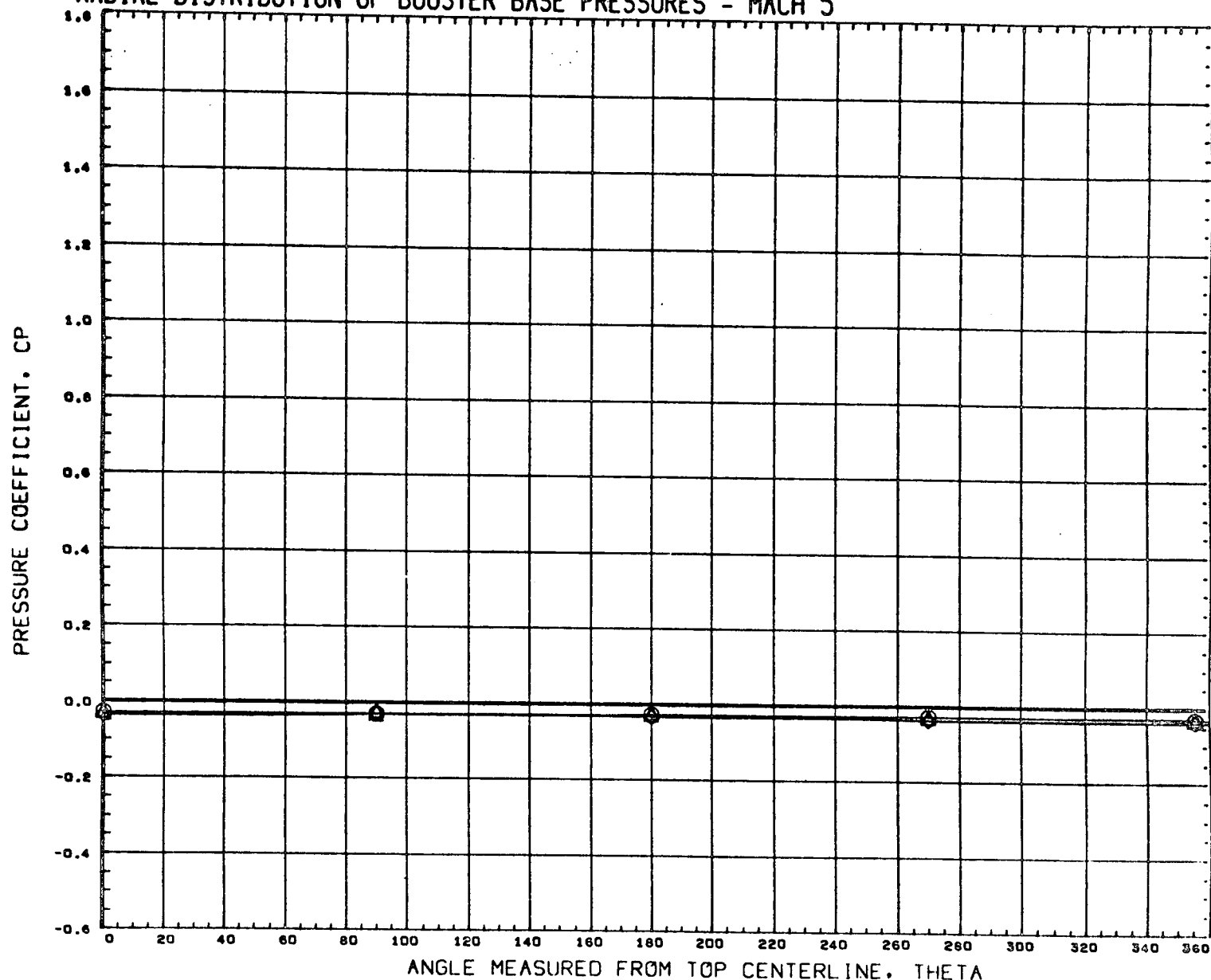
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8583•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

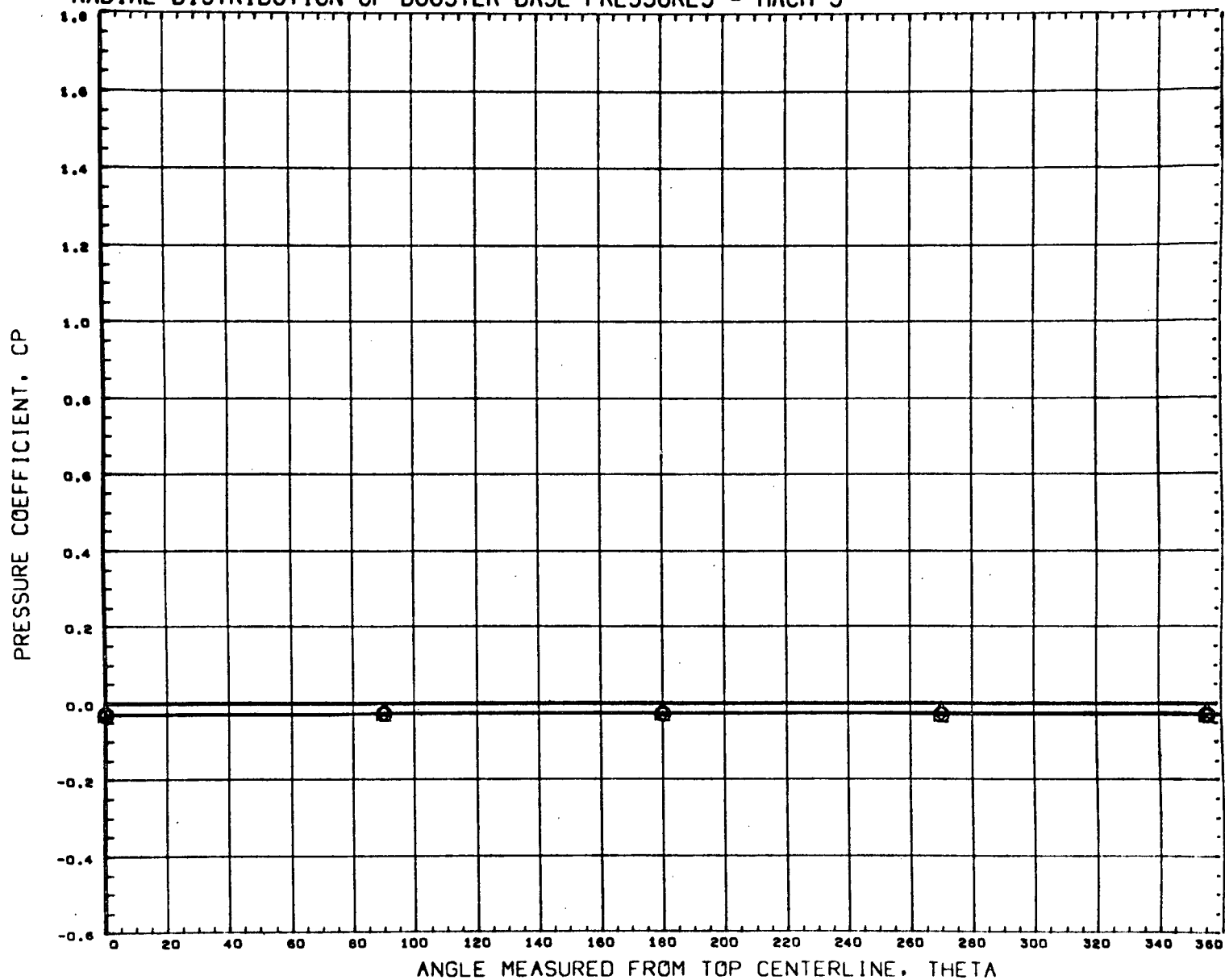
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8583•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.144	1.000	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	5.040	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

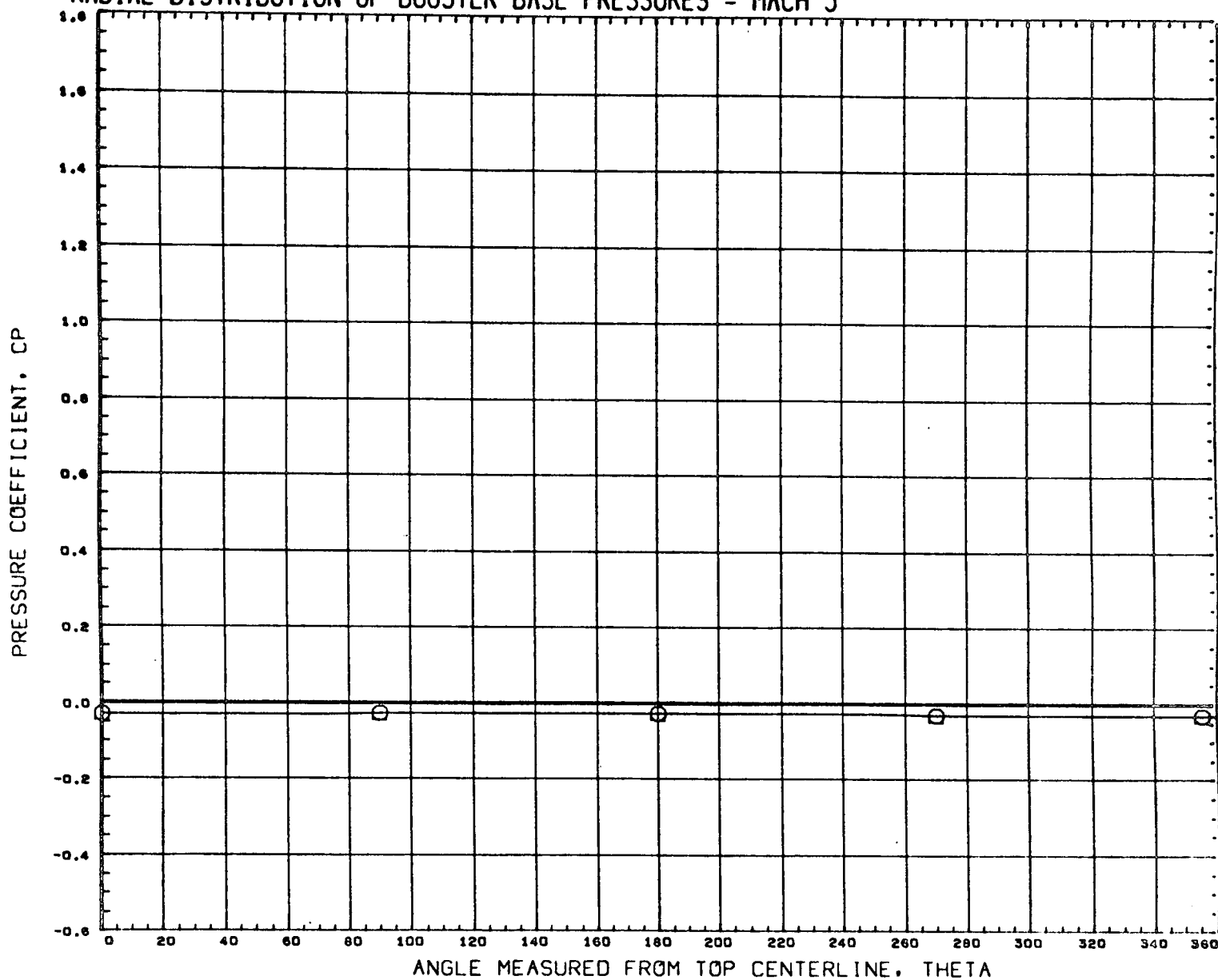
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8583•

PAGE 1681

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.320 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.000
 MACH 5.040 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

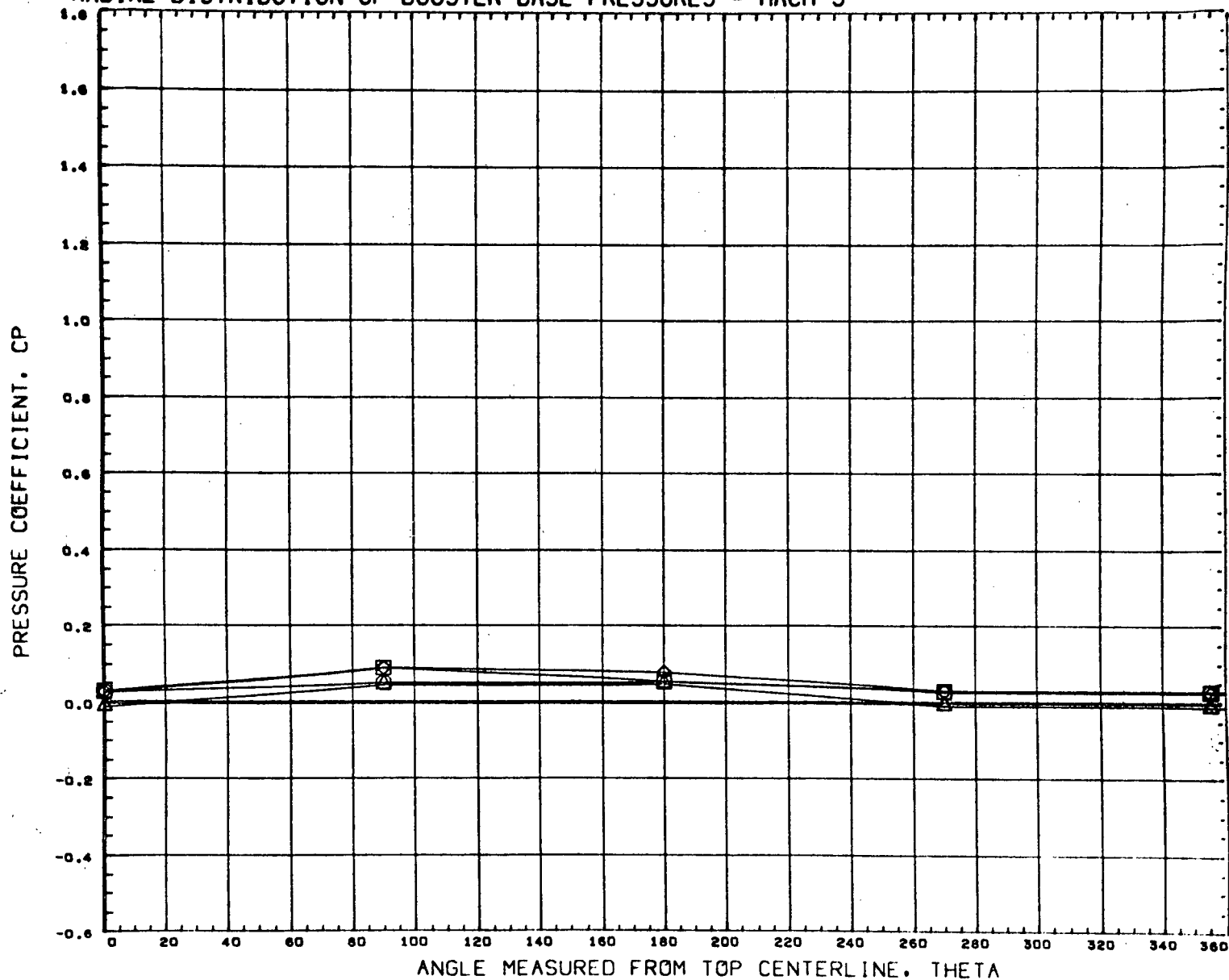
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8583•

PAGE 1682

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHA1	0.000
GRBPOW	0.000	BSTPOW	0.000

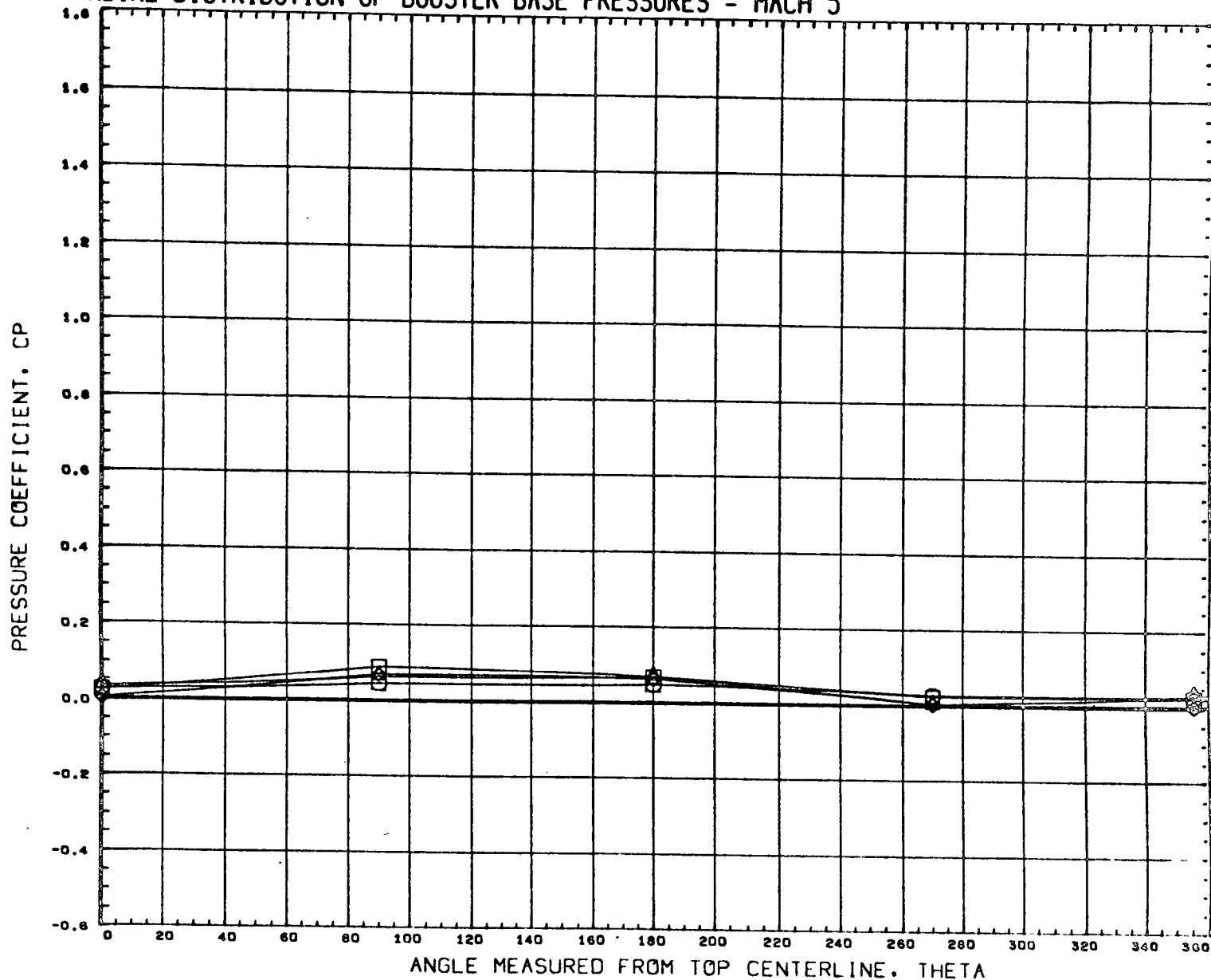
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8591•

PAGE 1683

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.937
MACH	4.970	ALPHA T	0.000
ORBPOW	0.000	BSTPOW	0.000

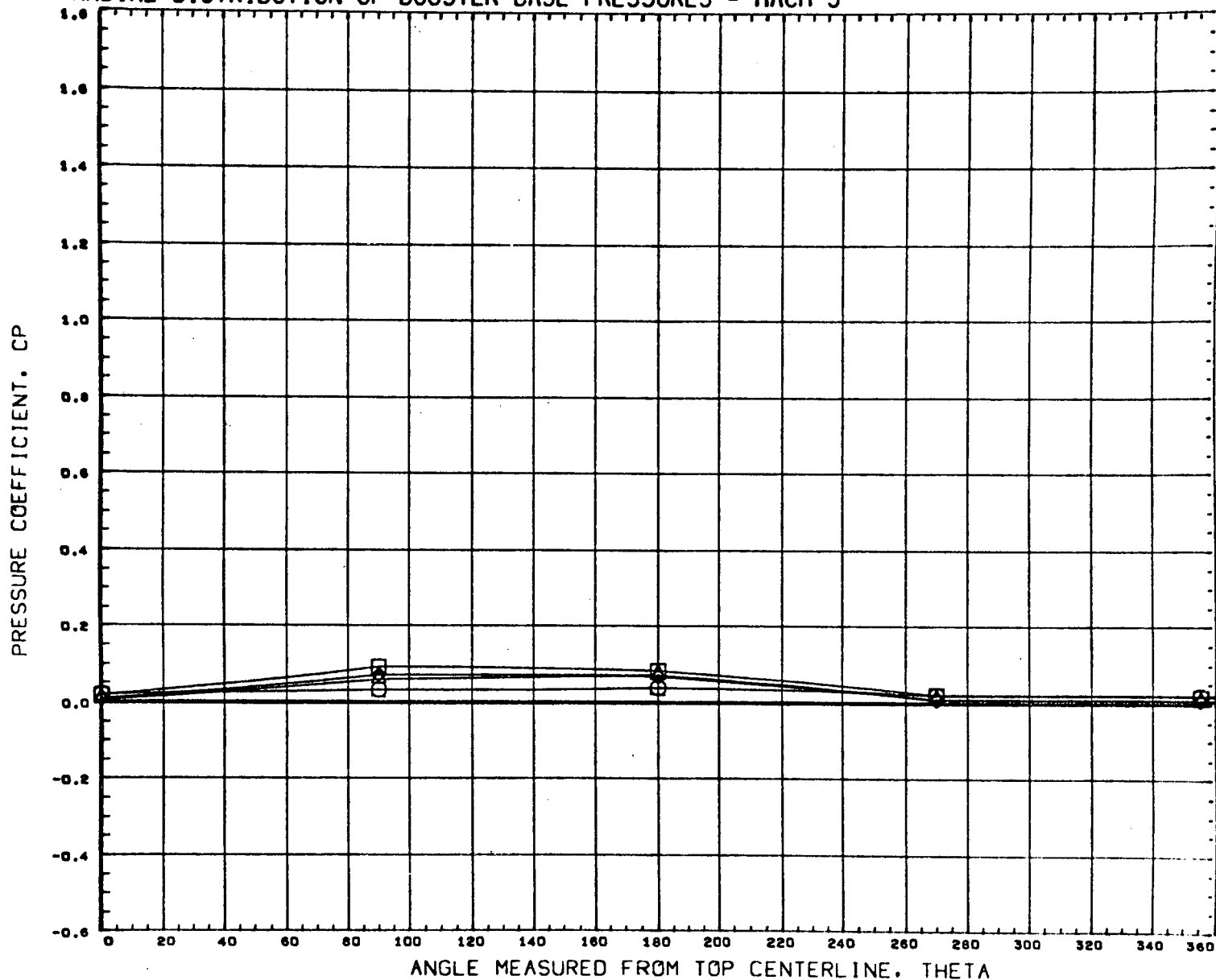
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8592•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

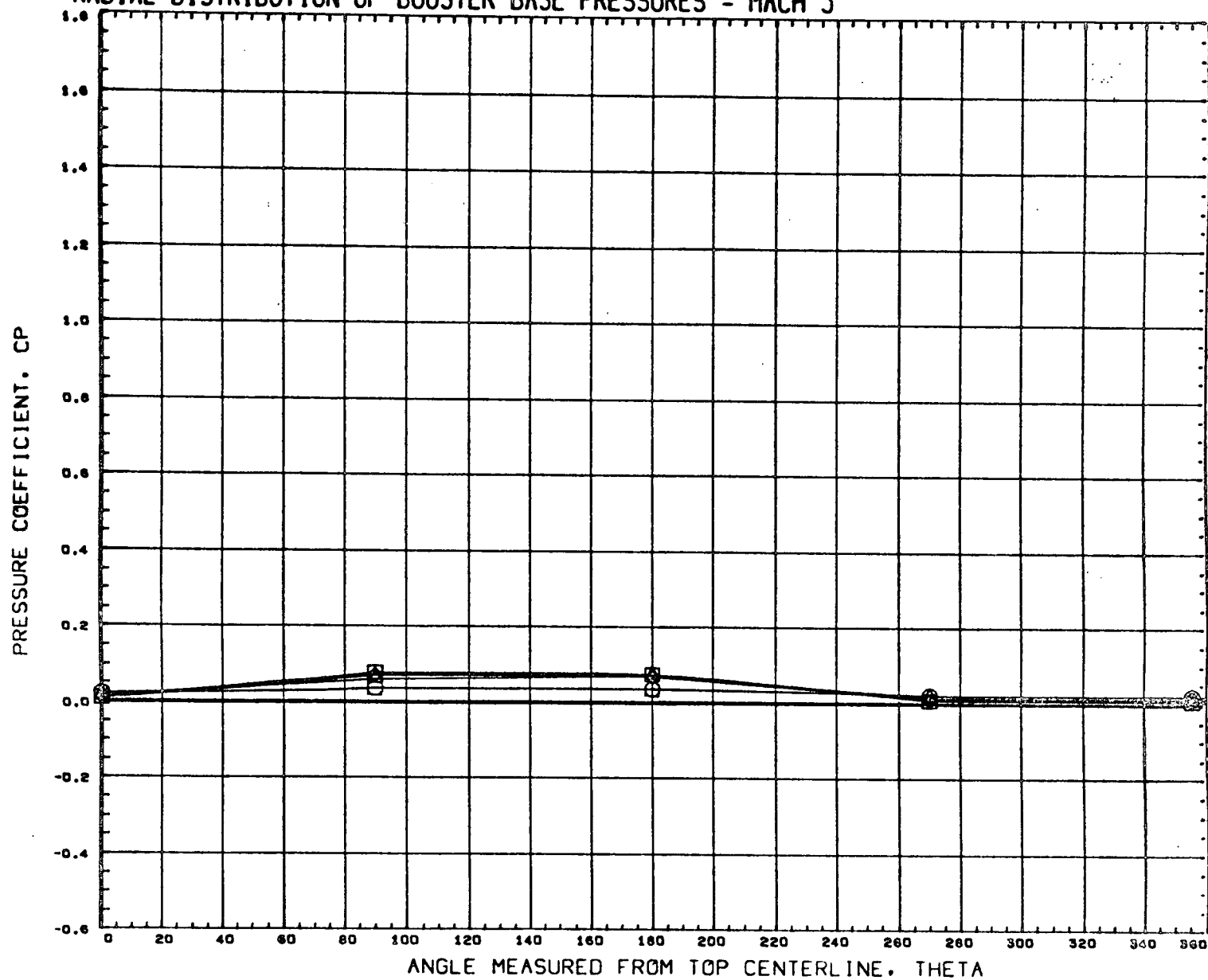
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8593•

PAGE 1685

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.039
MACH	4.970	ALPHA T	0.000
ORBPOW	0.000	BSTPOW	0.000

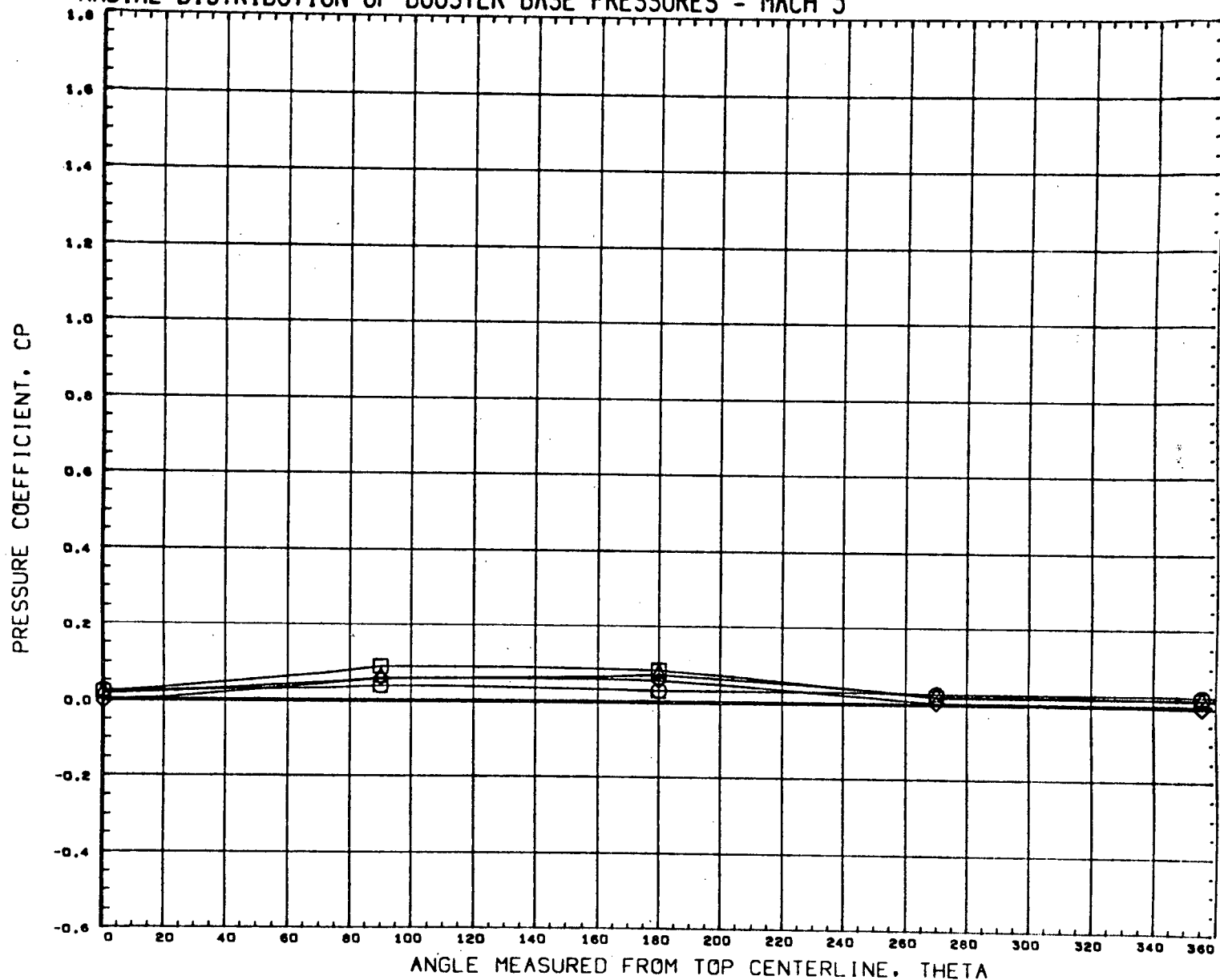
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8594•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

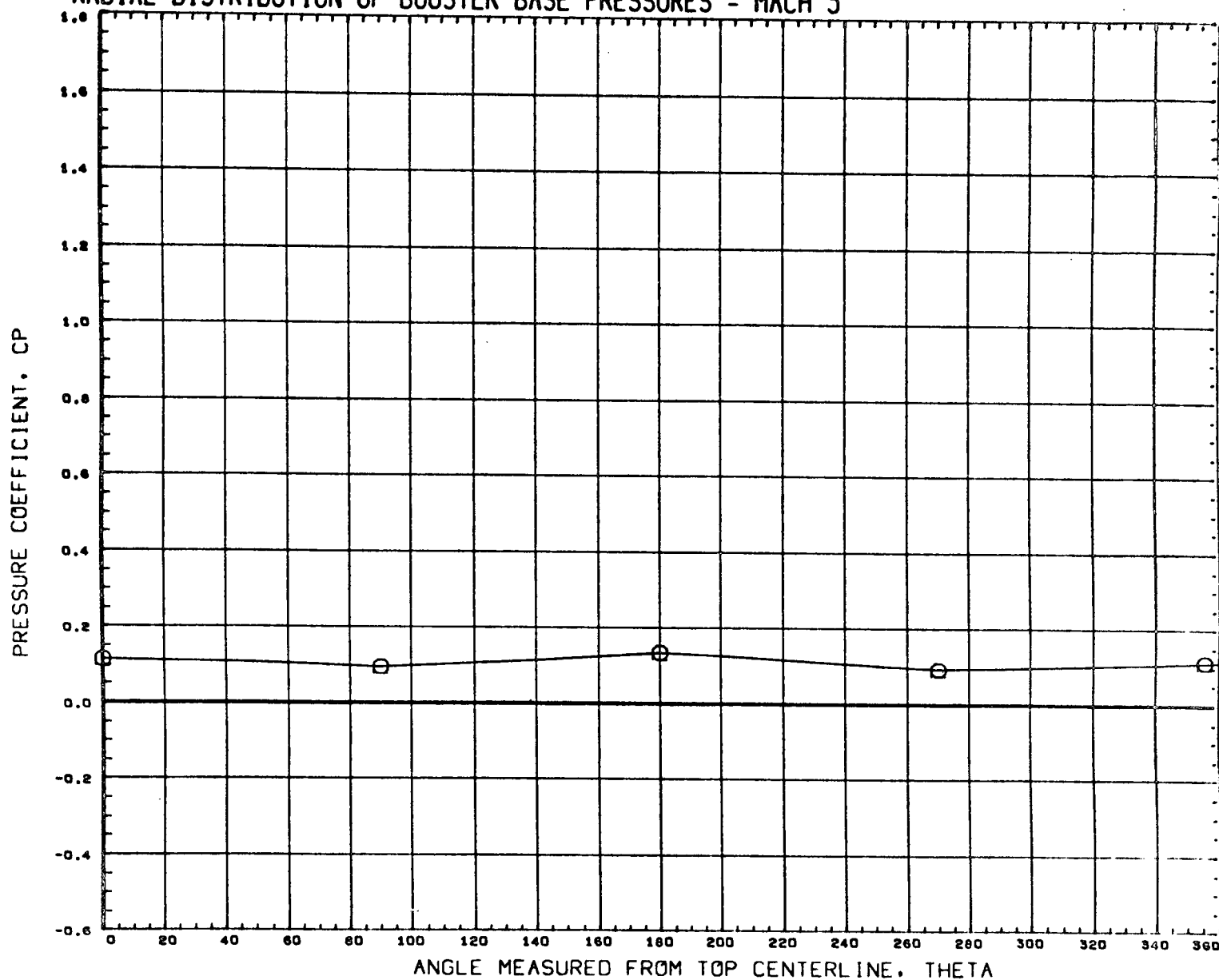
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8595•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ - 0.179 1.000 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 9.080
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

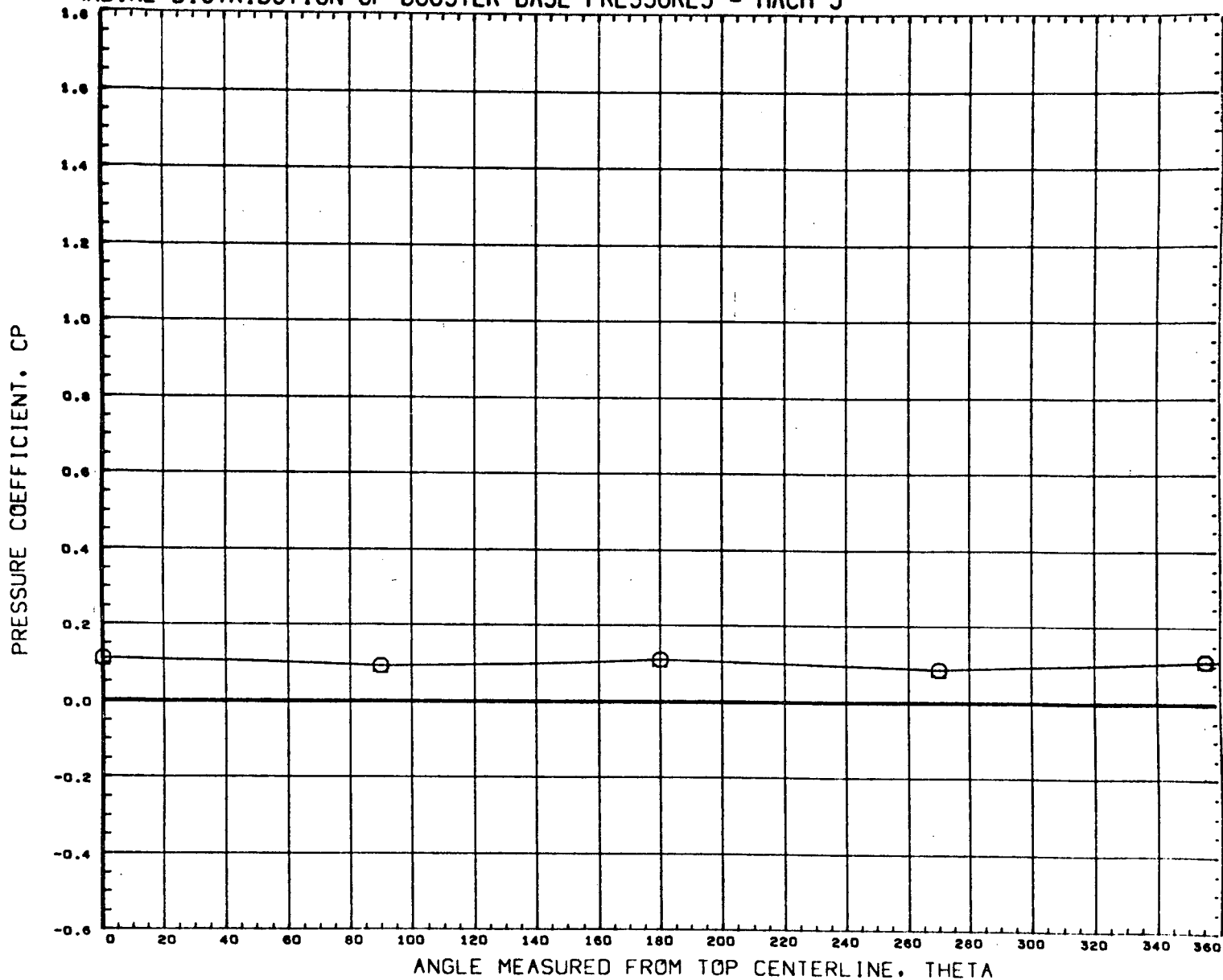
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8601•

PAGE 1688

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ - 0.179 1.000 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.960
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

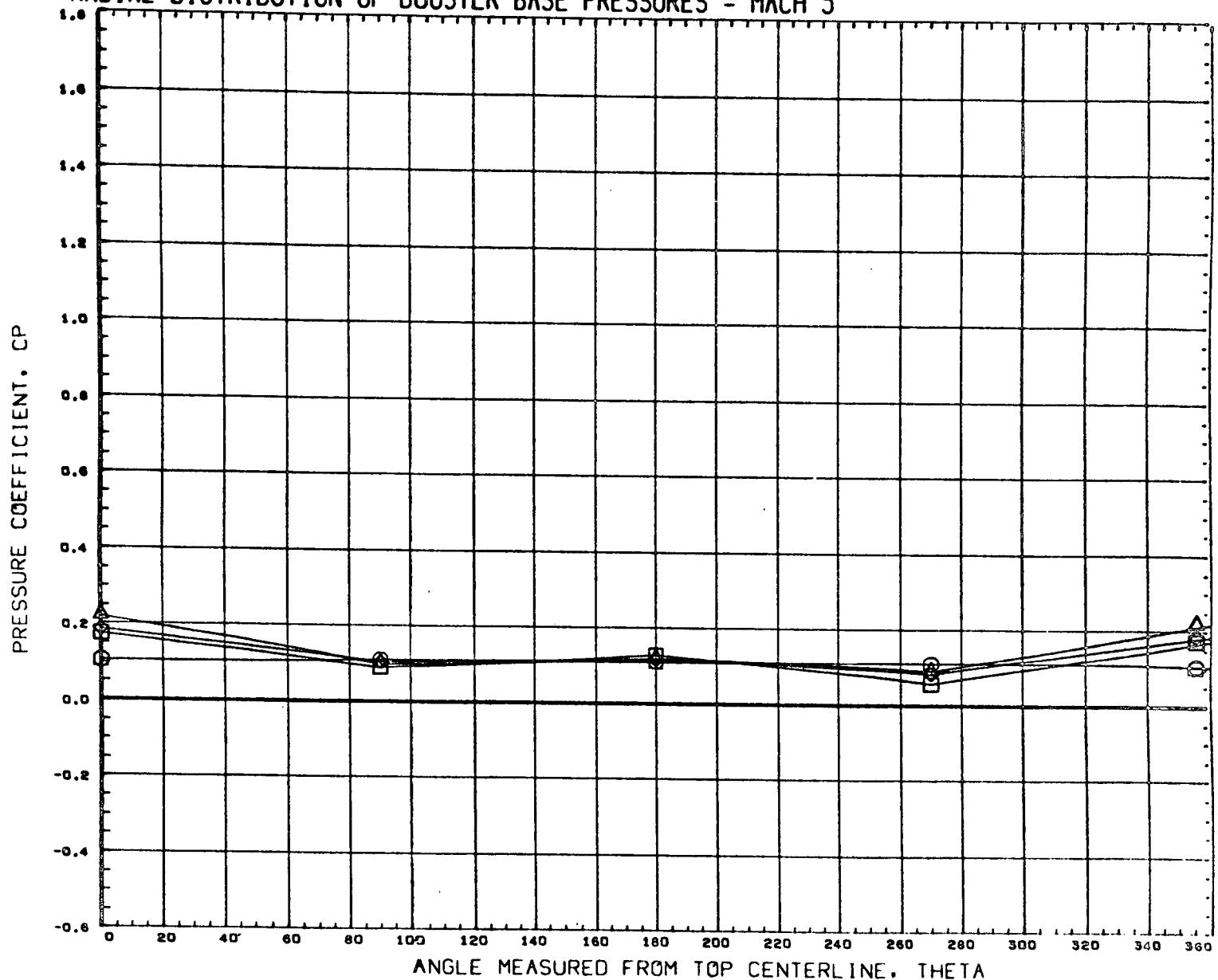
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8602•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	100.000	BSTPOW	100.000

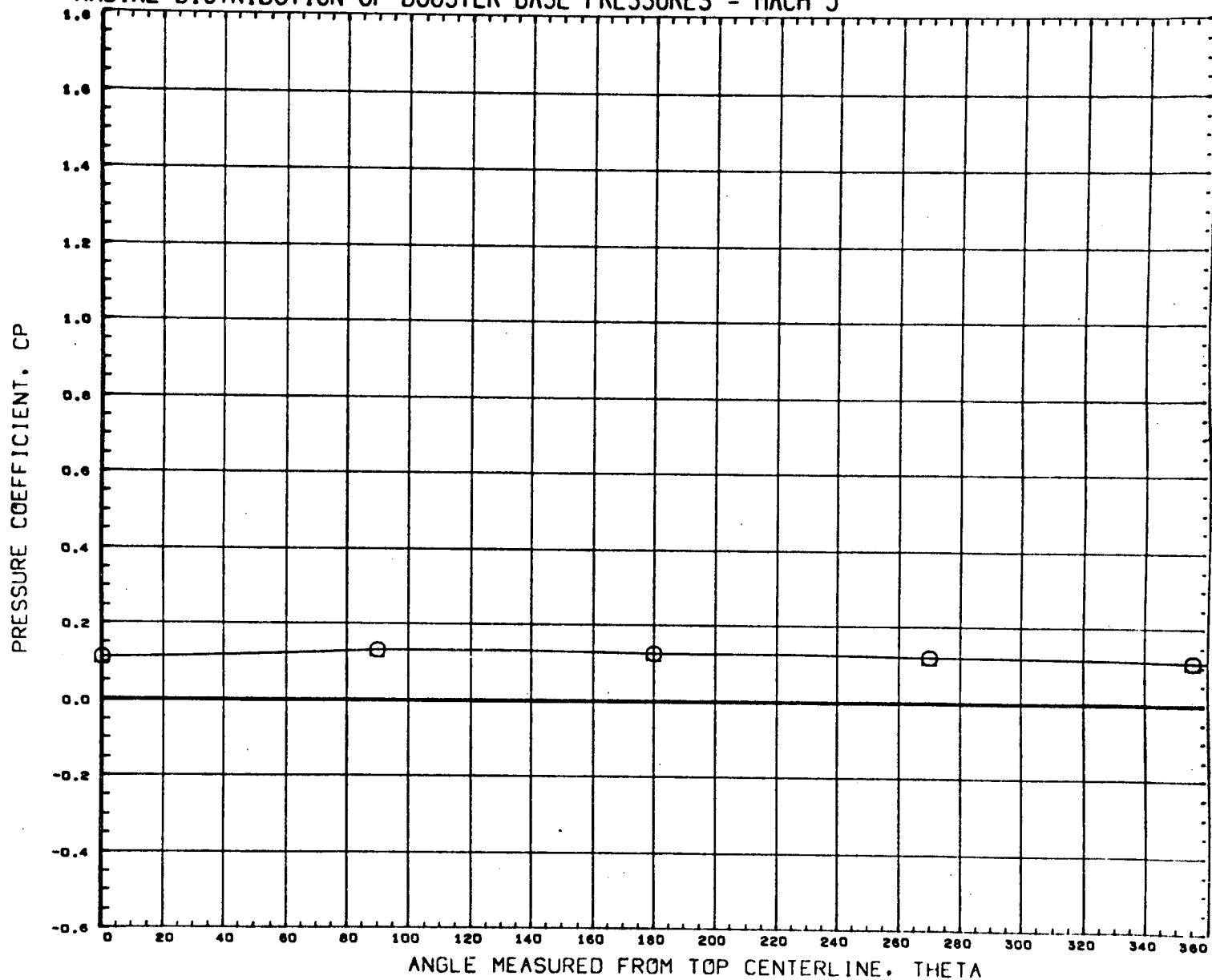
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8603•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ - 0.179 1.000 0.108

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.040
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

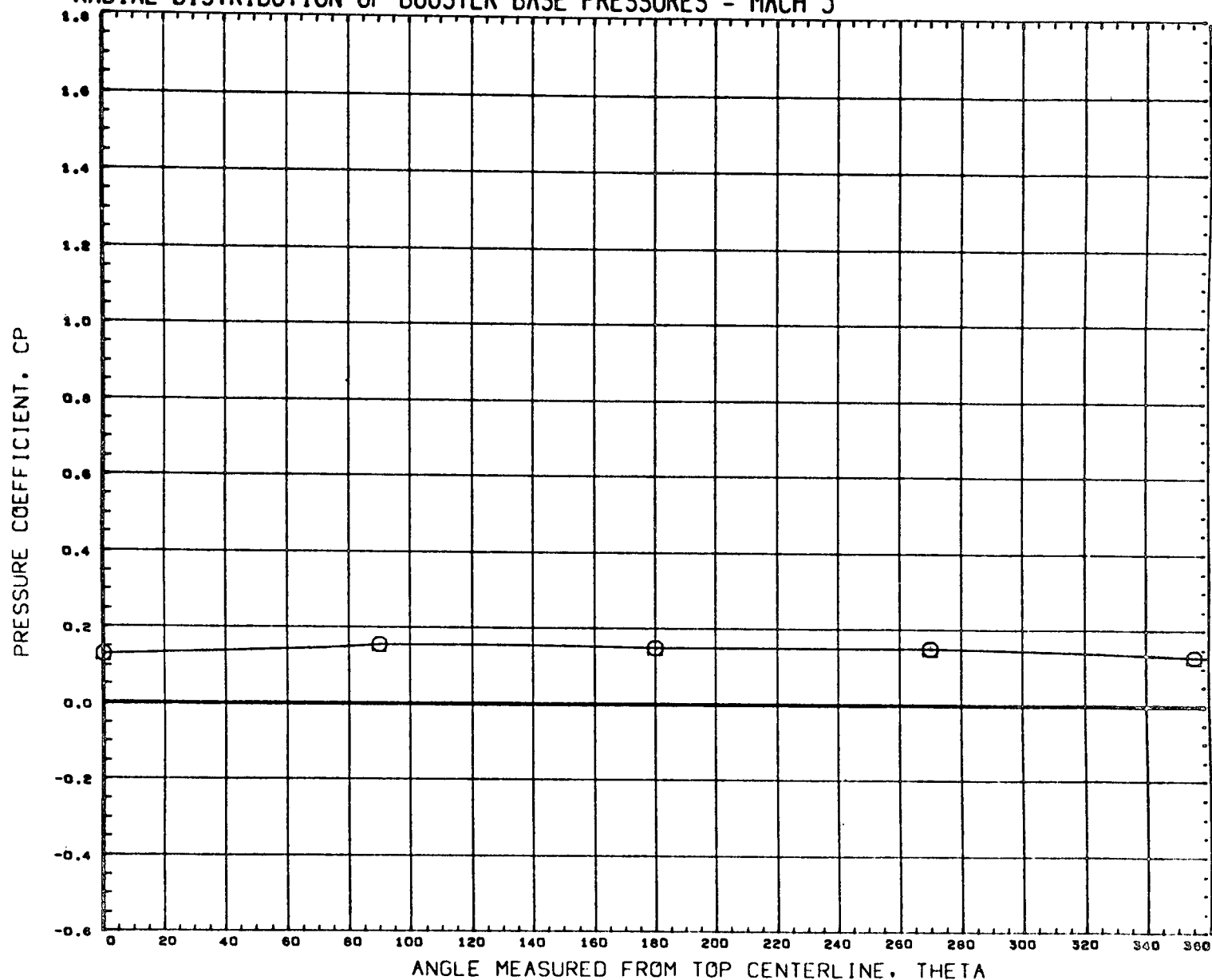
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8604•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ - 0.179 1.000 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 9.990
 MACH 4.970 ALPHAI 0.000
 ORBPOW 100.000 BSTPOW 100.000

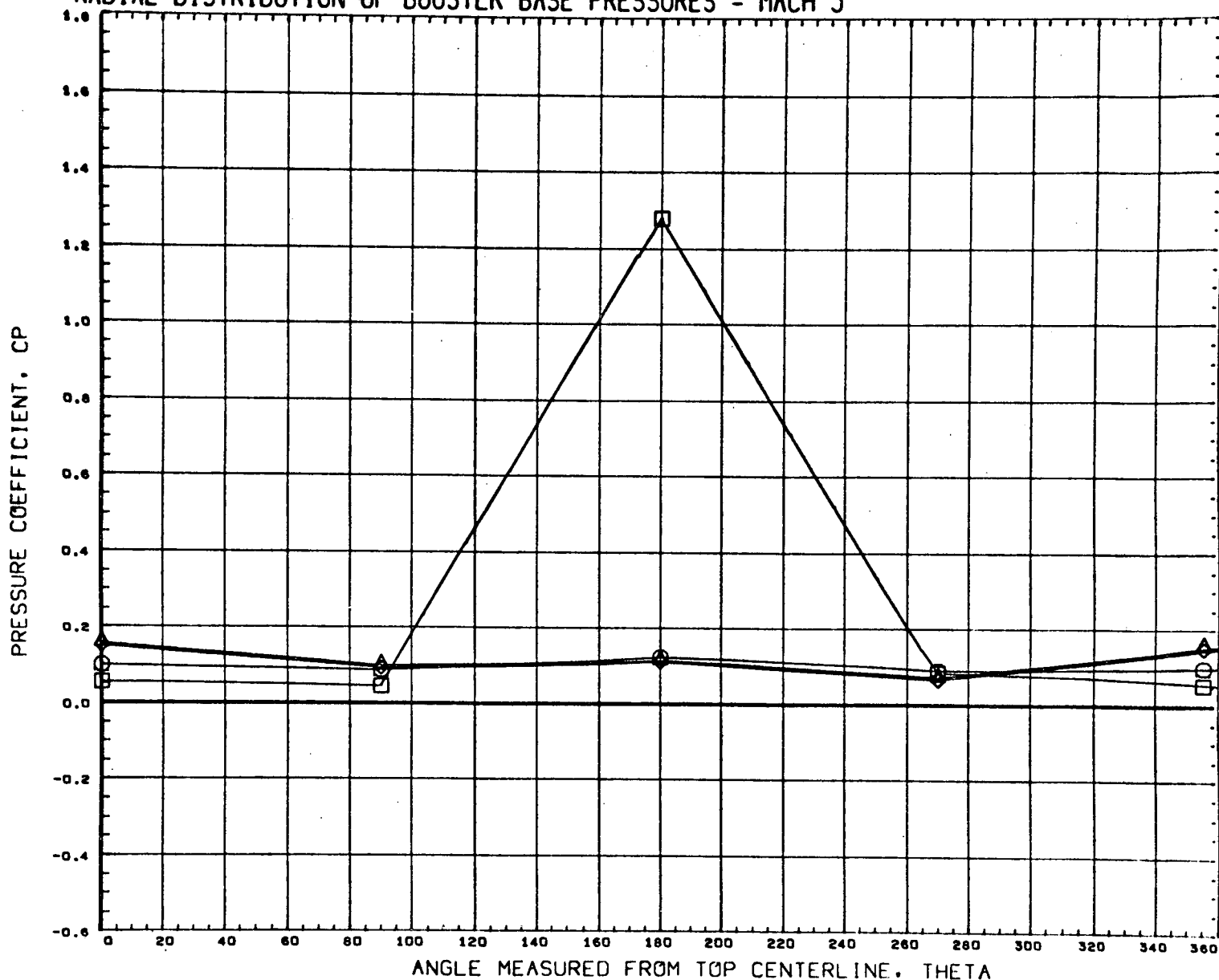
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8605•

PAGE 1692

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

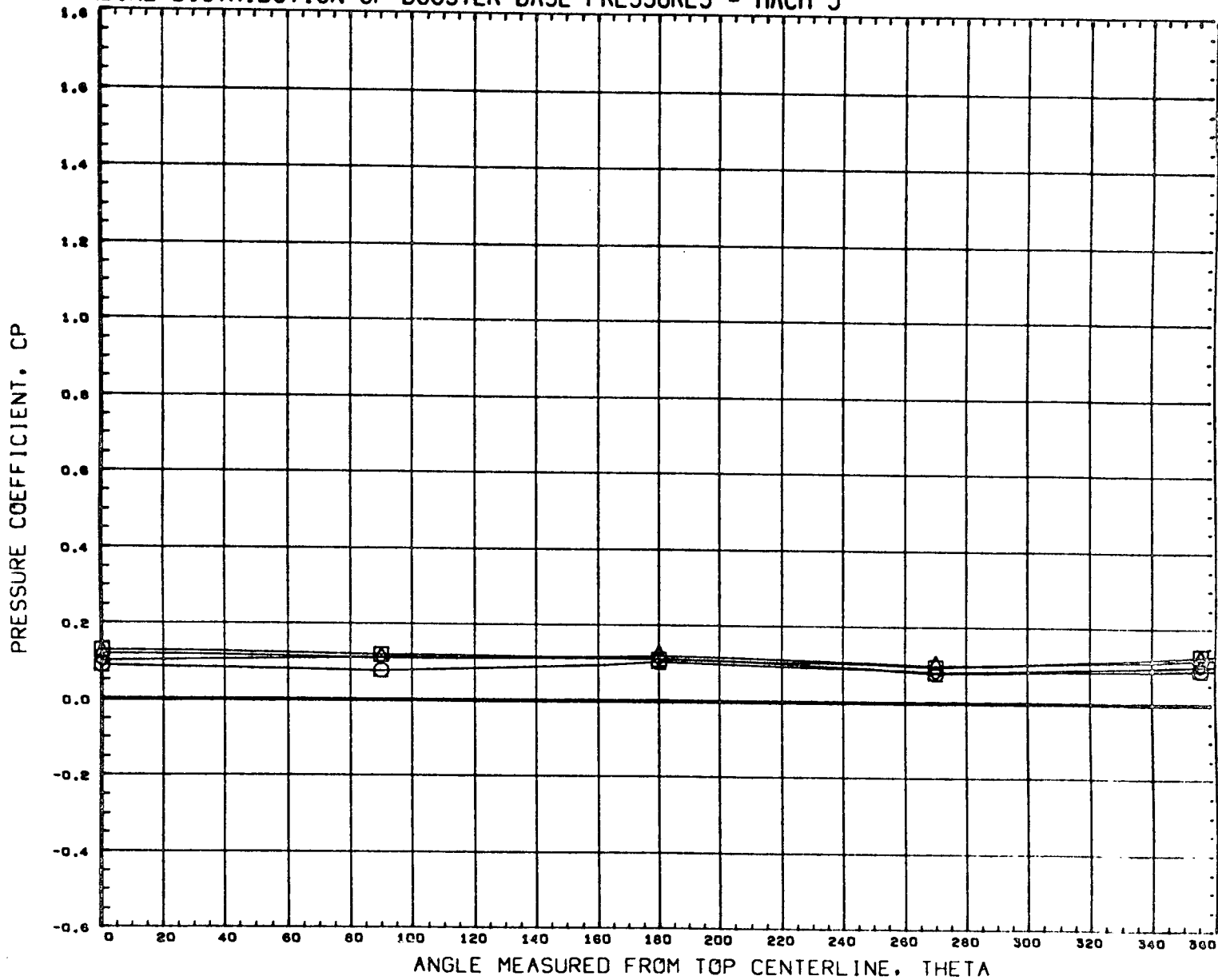
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8611•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA	4.990
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

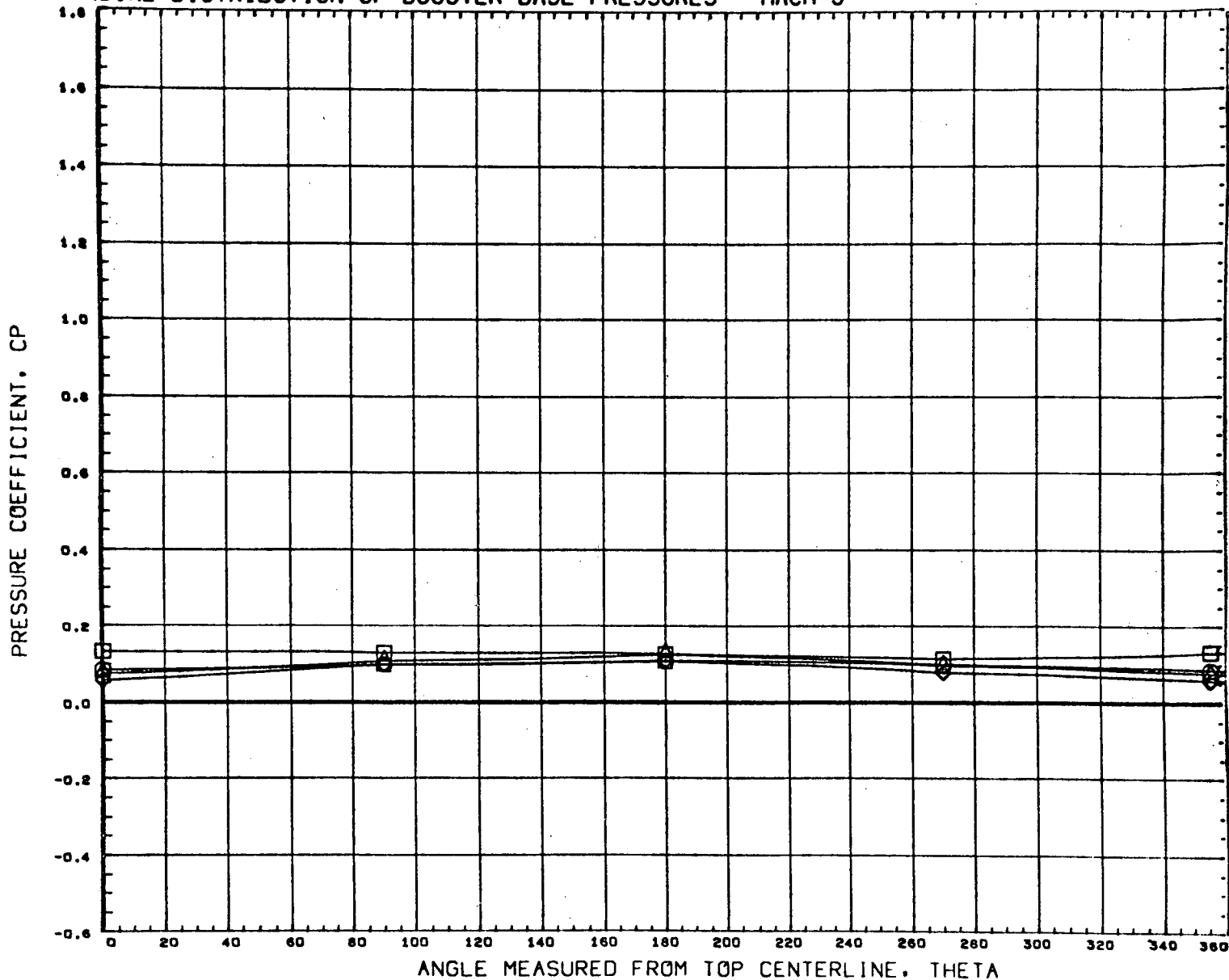
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8612•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	0.000
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

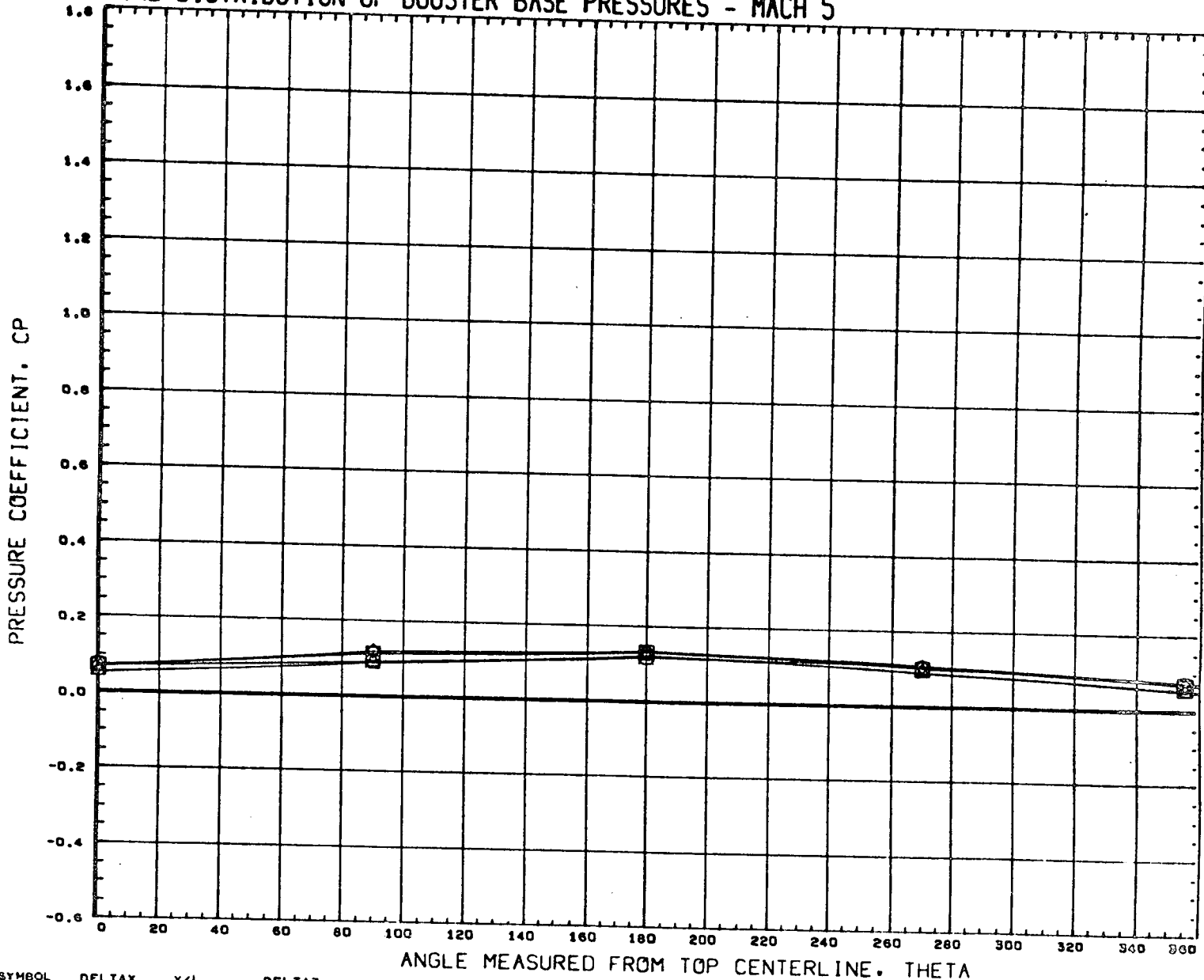
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8613•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	5.007
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

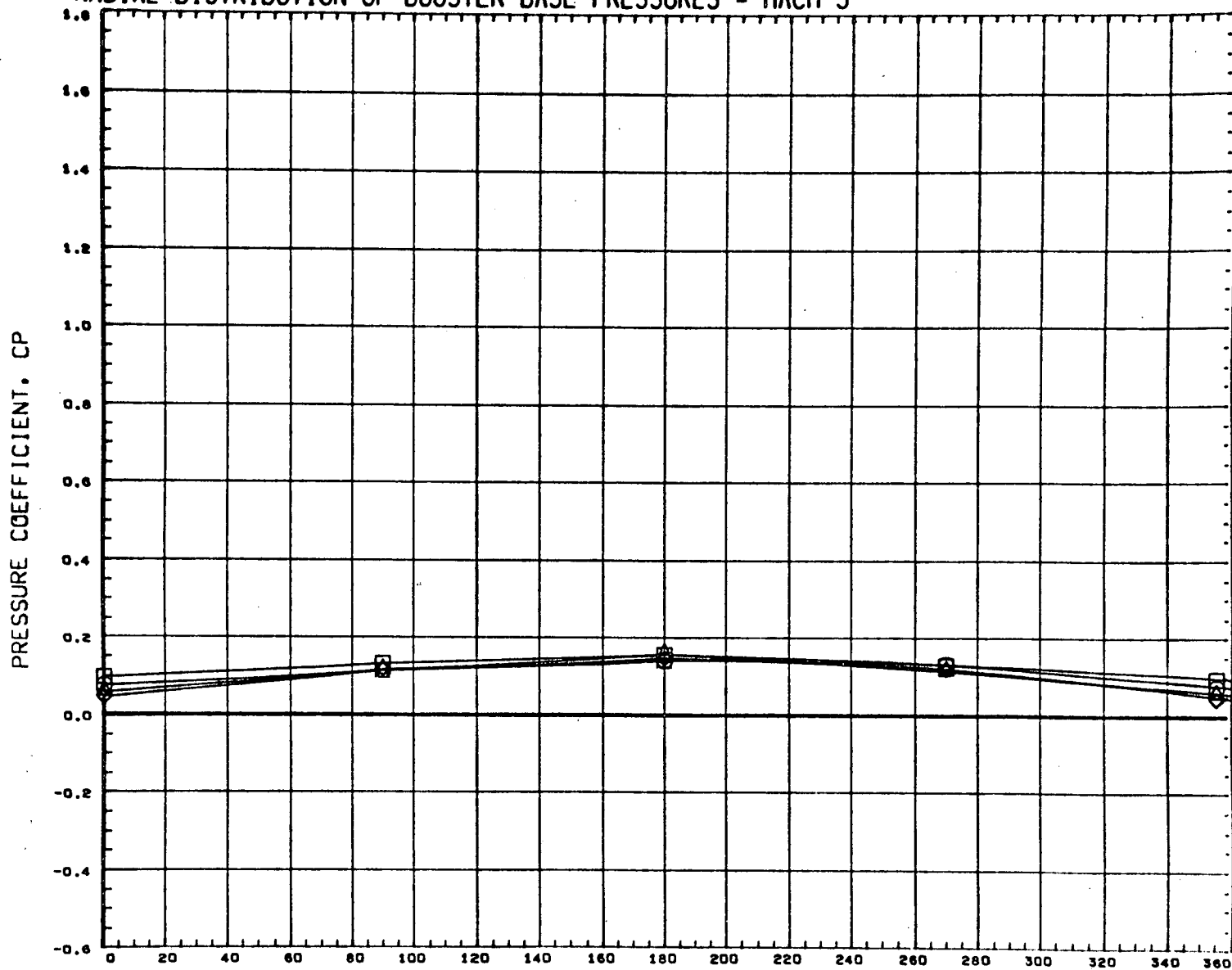
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8614•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.179	1.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	9.995
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	100.000

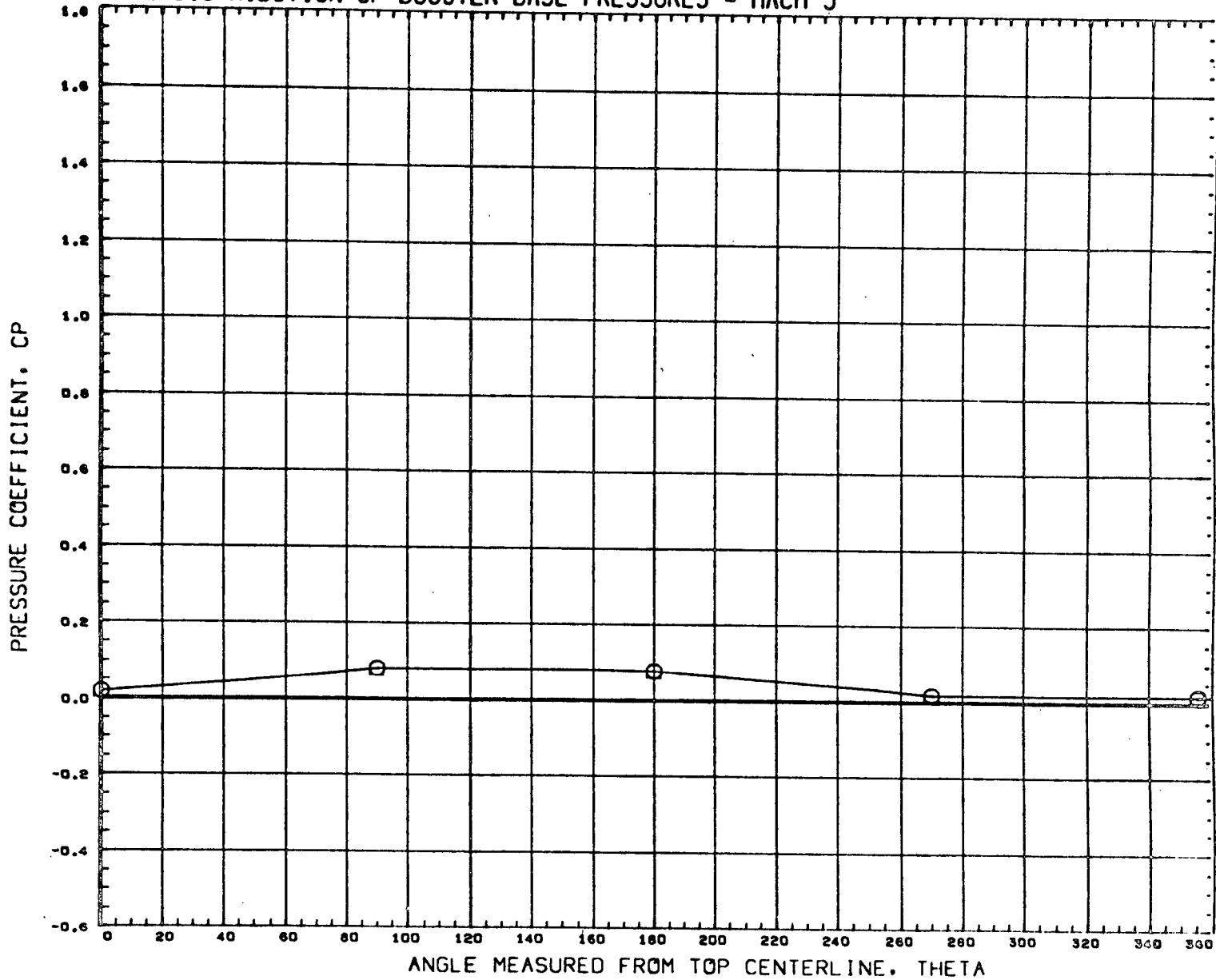
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8615•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.103 1.000 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.000
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

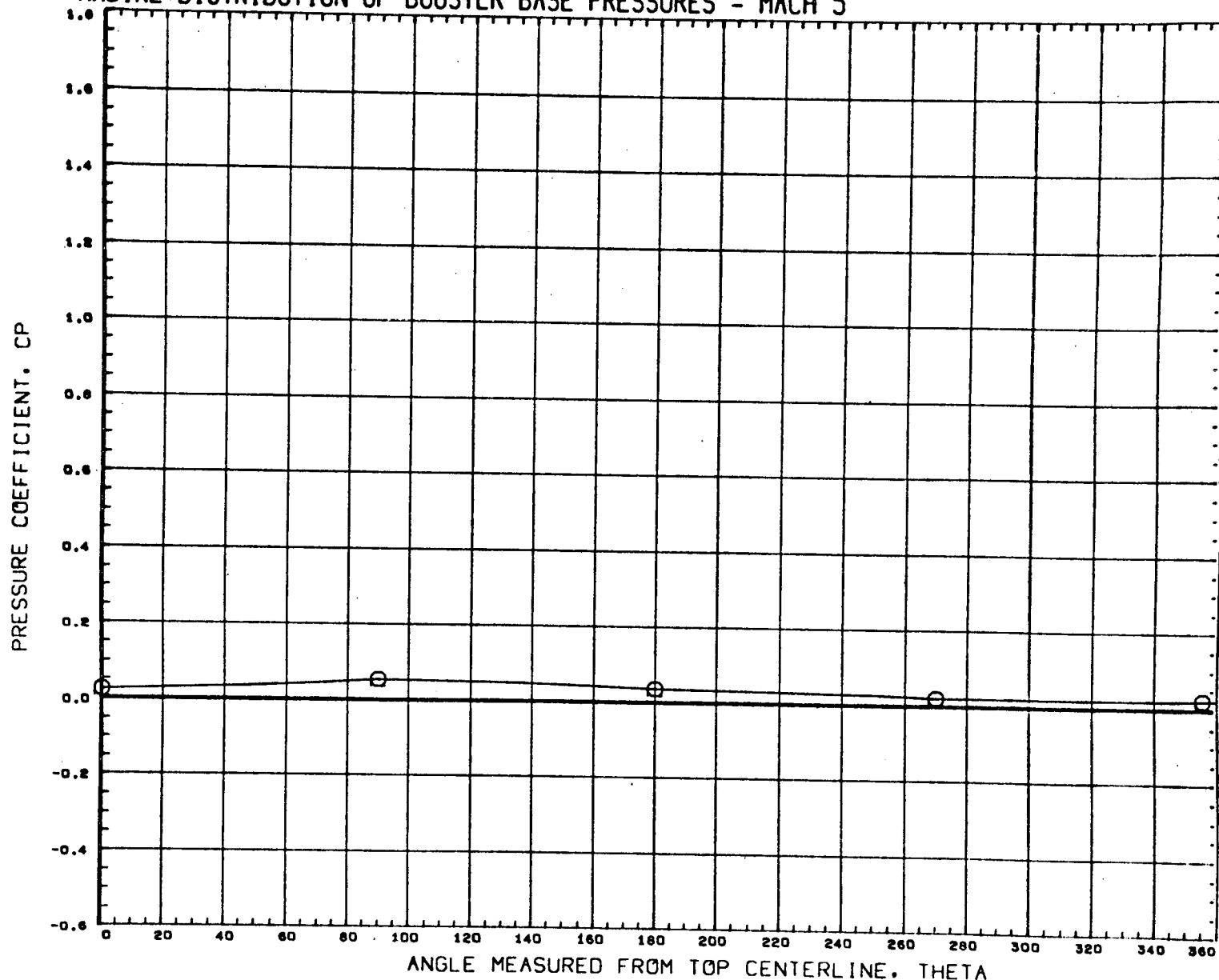
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8622•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.103 X/L 1.000 DELTAZ 0.131

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.906
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

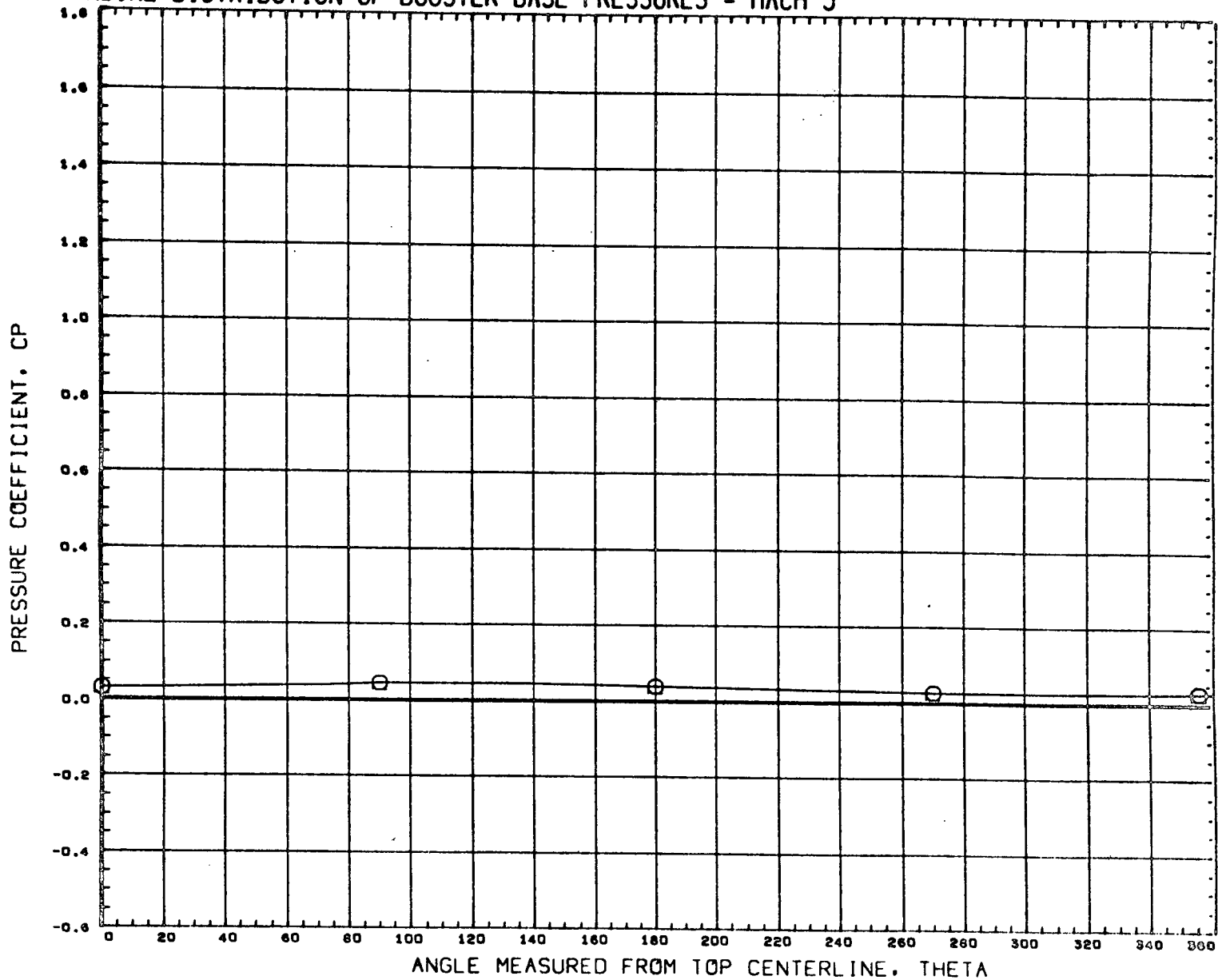
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8622•

PAGE 1699

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.520 1.000 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.000
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

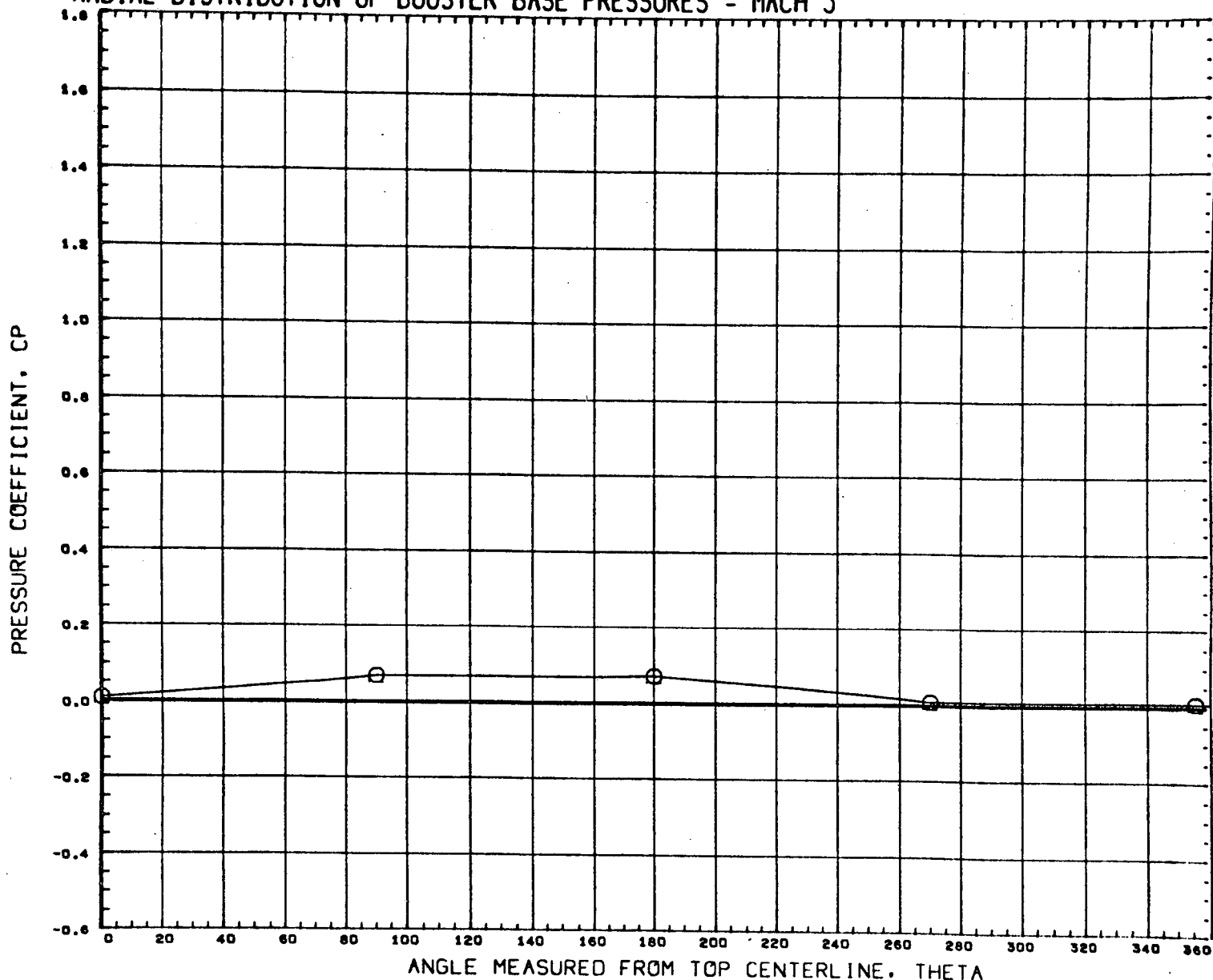
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8622•

PAGE 1700

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.103 1.000 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.050
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

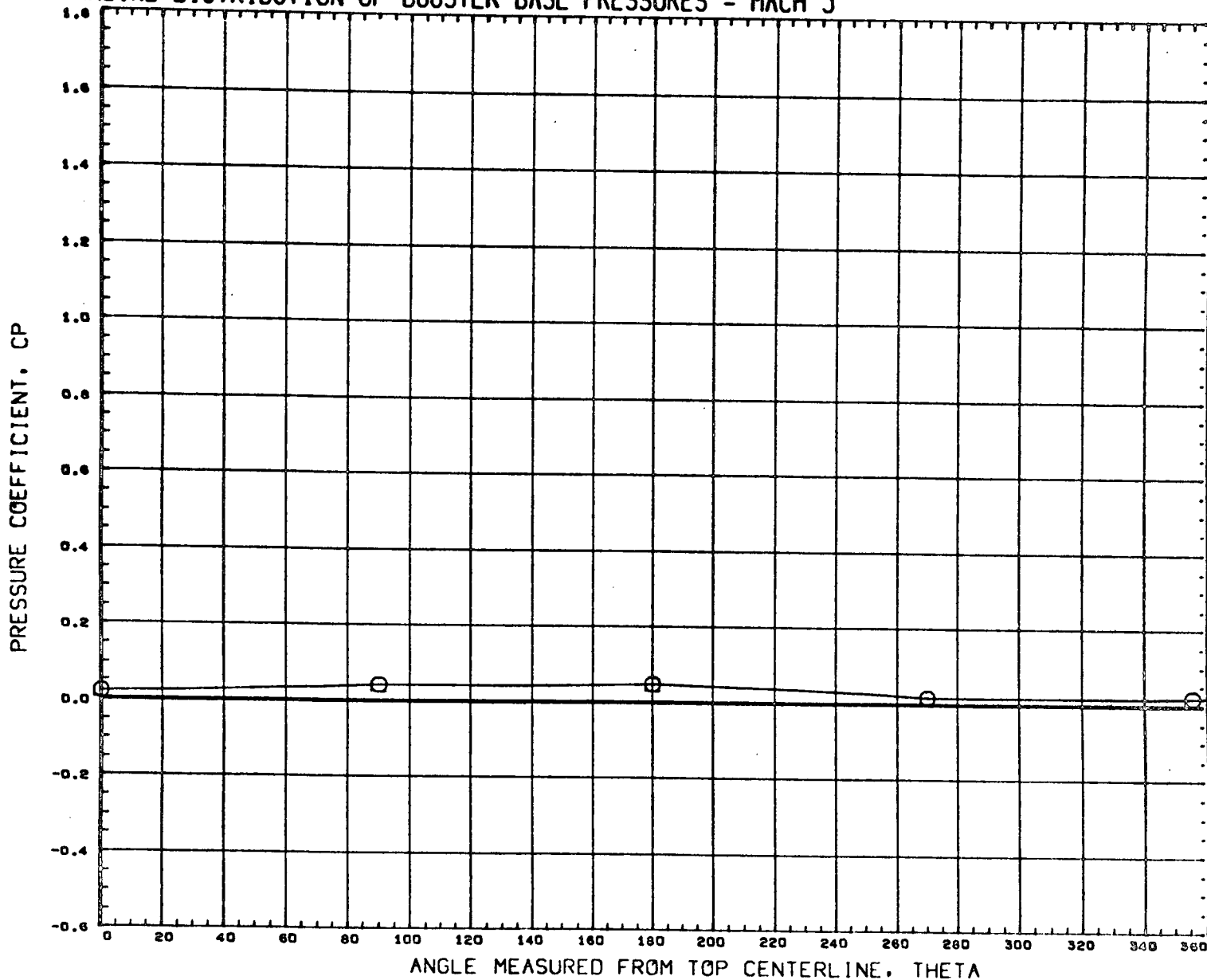
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8623•

PAGE 1701

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.103 X/L 1.000 DELTAZ 0.151

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.090
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

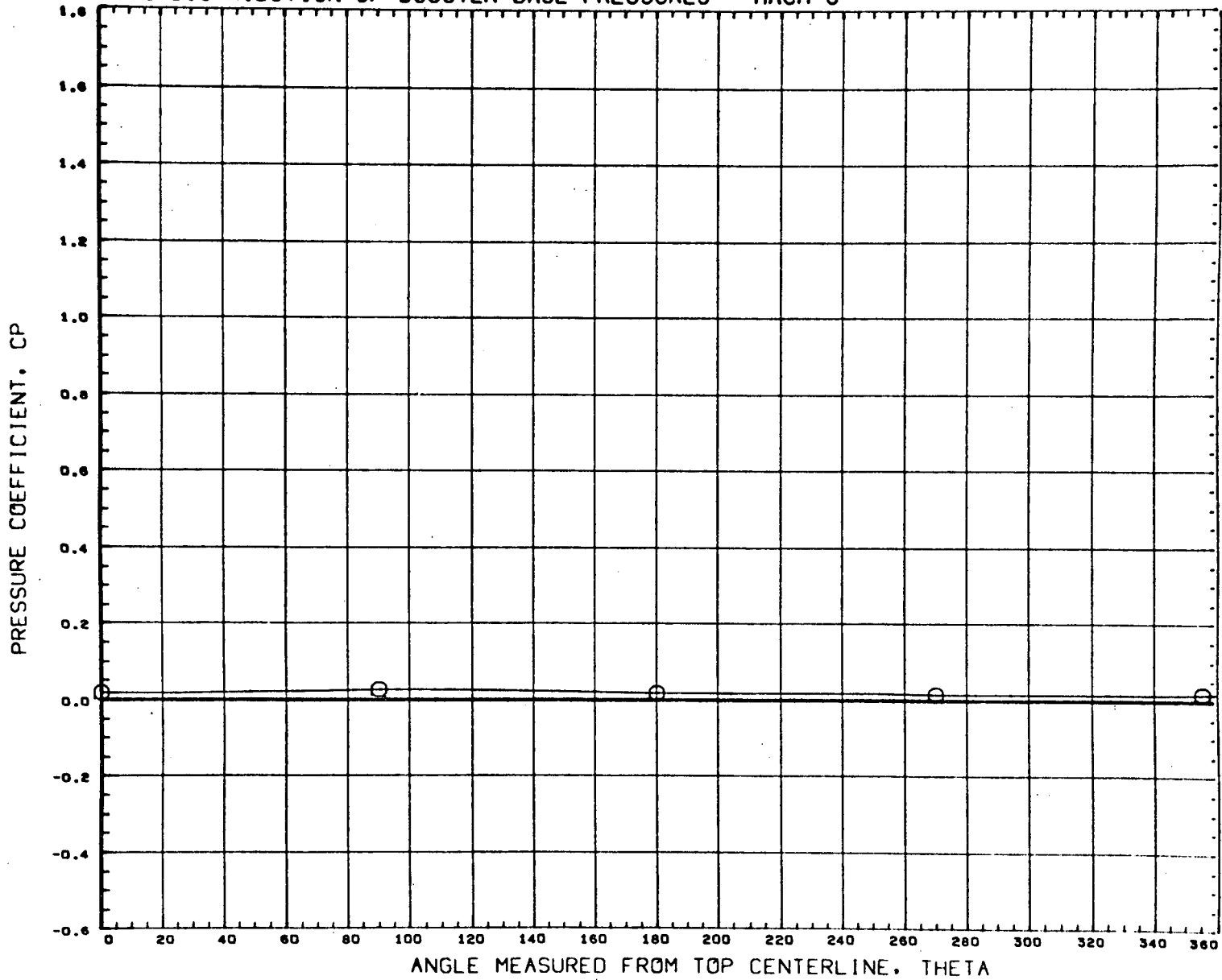
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8623•

PAGE 1702

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.520 X/L 1.000 DELTAZ 0.908

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.050
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

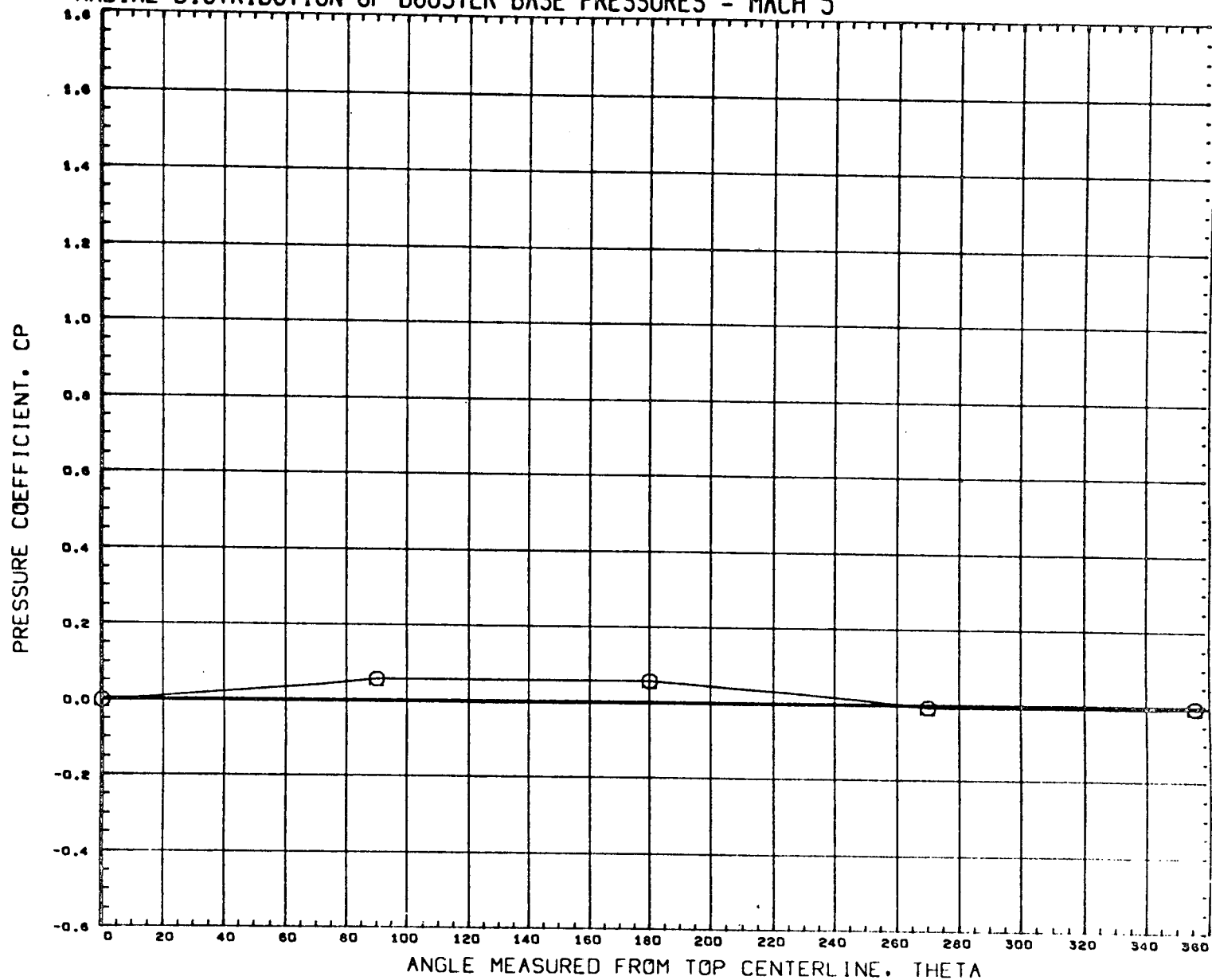
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8623•

PAGE 1703

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 ○ 0.103 1.000 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 3.026
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

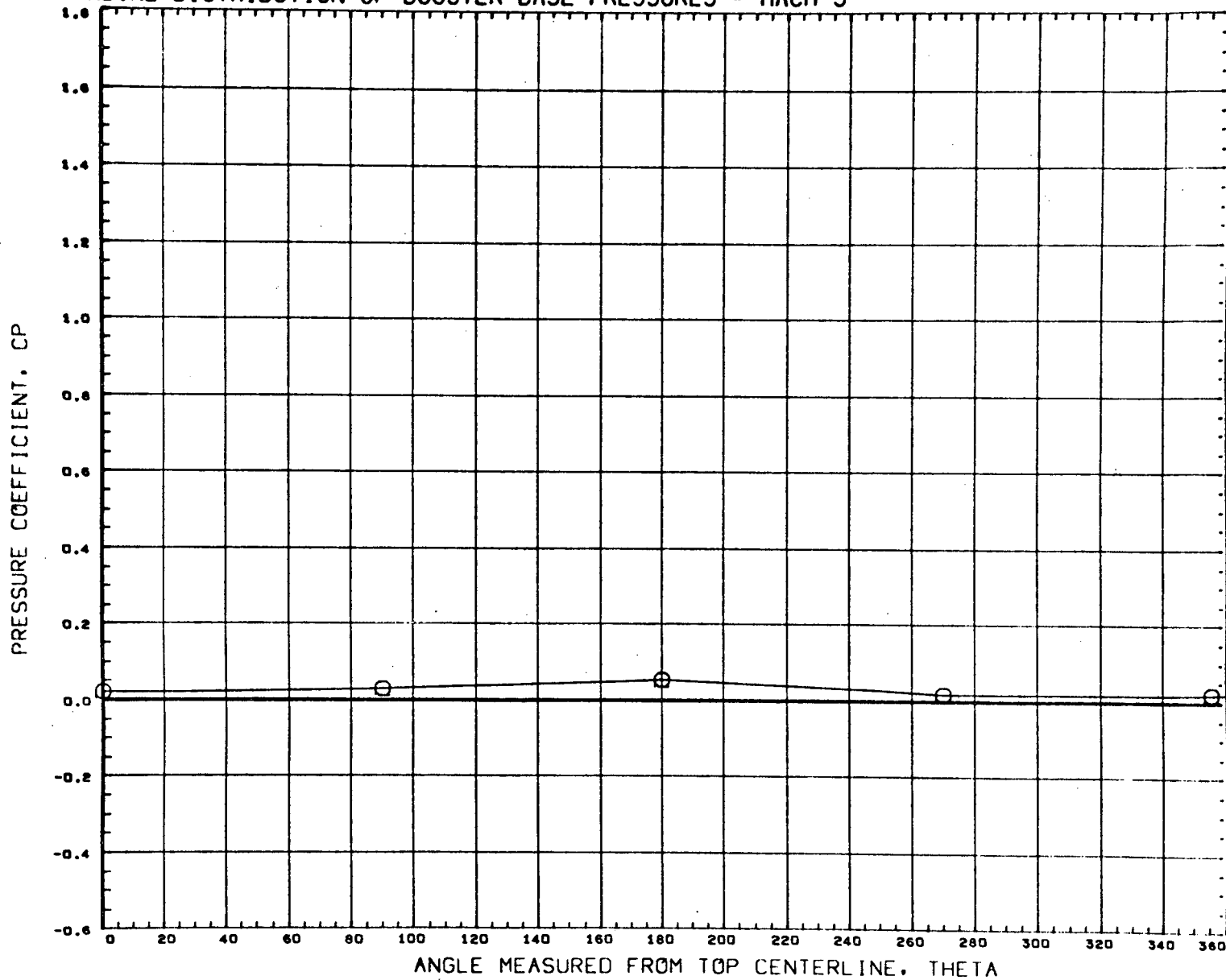
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8624•

PAGE 1704

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.103 X/L 1.000 DELTAZ 0.151

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 5.026
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

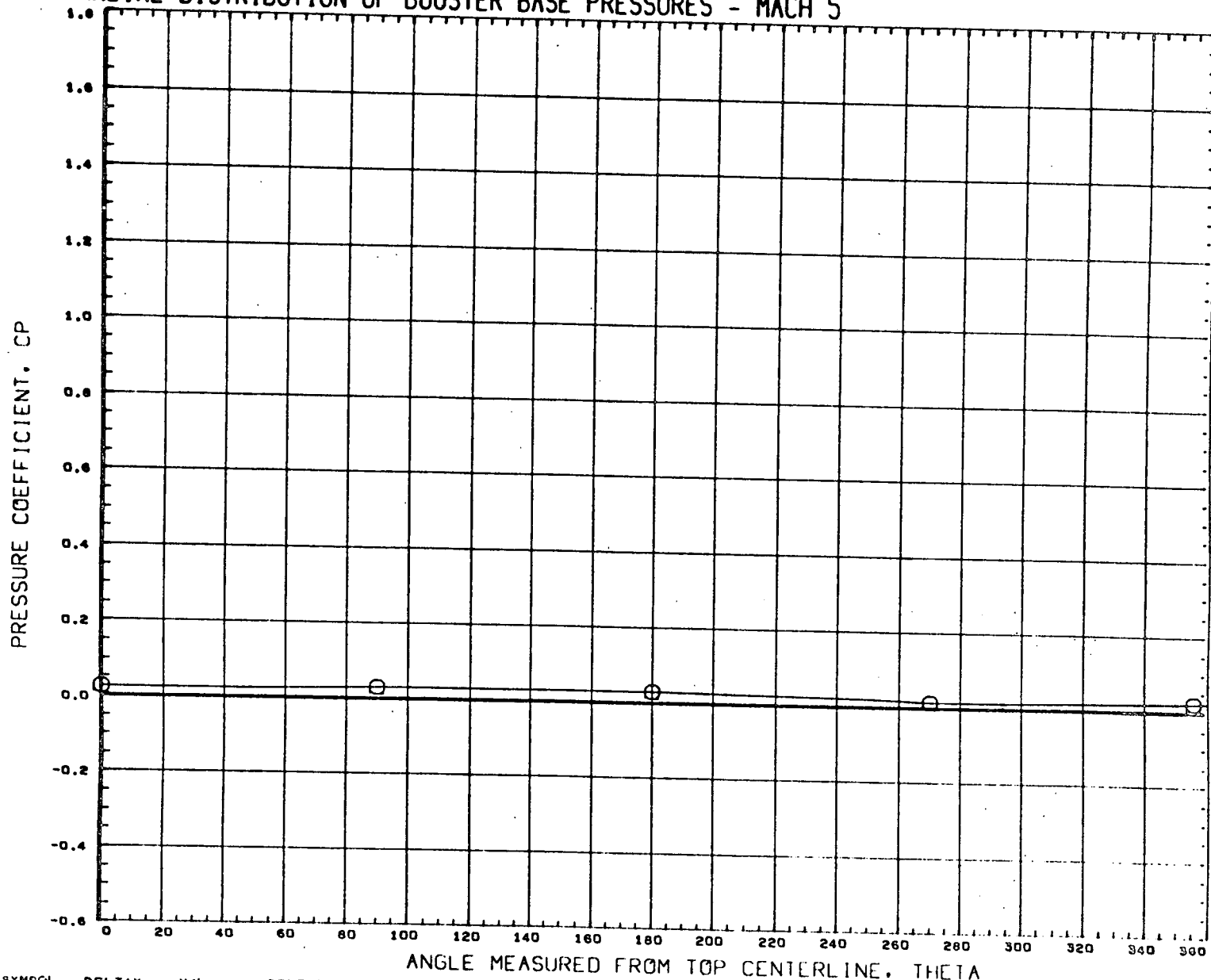
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8624•

PAGE 1705

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL C DELTAX 0.520 X/L 1.000 DELTAZ 0.908

ANGLE MEASURED FROM TOP CENTERLINE, THETA

PARAMETRIC VALUES
 BETA 0.000 ALPHA0 3.026
 MACH 4.970 ALPHA1 0.000
 ORBPOW 0.000 BSTPOW 0.000

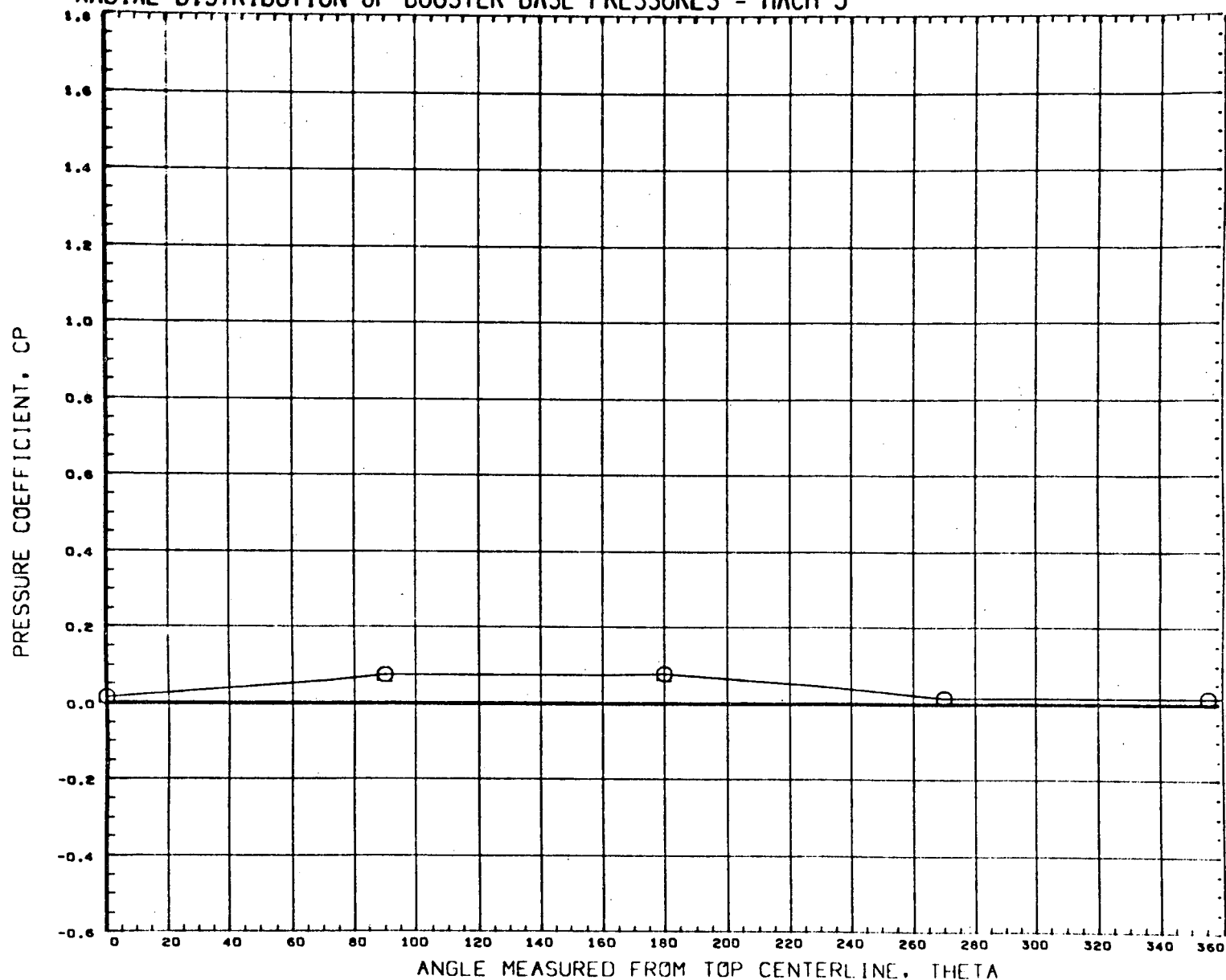
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8624•

PAGE 1706

RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \bigcirc DELTAX 0.103 X/L 1.000 DELTAZ 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB - 4.940
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

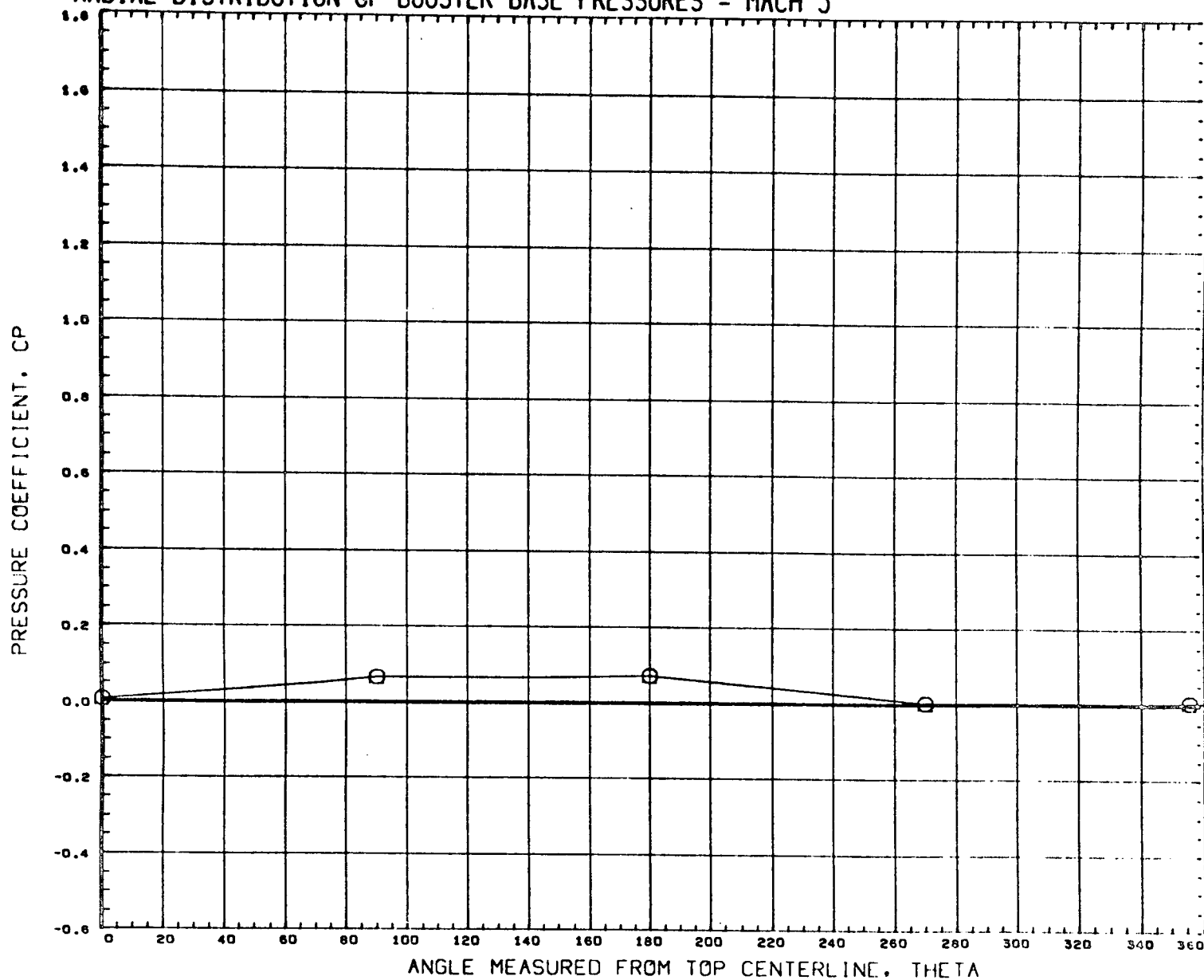
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8632•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL \square DELTAX 0.103 X/L 1.000 DELTAZ 0.106

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 0.020
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 ESTPOW 0.000

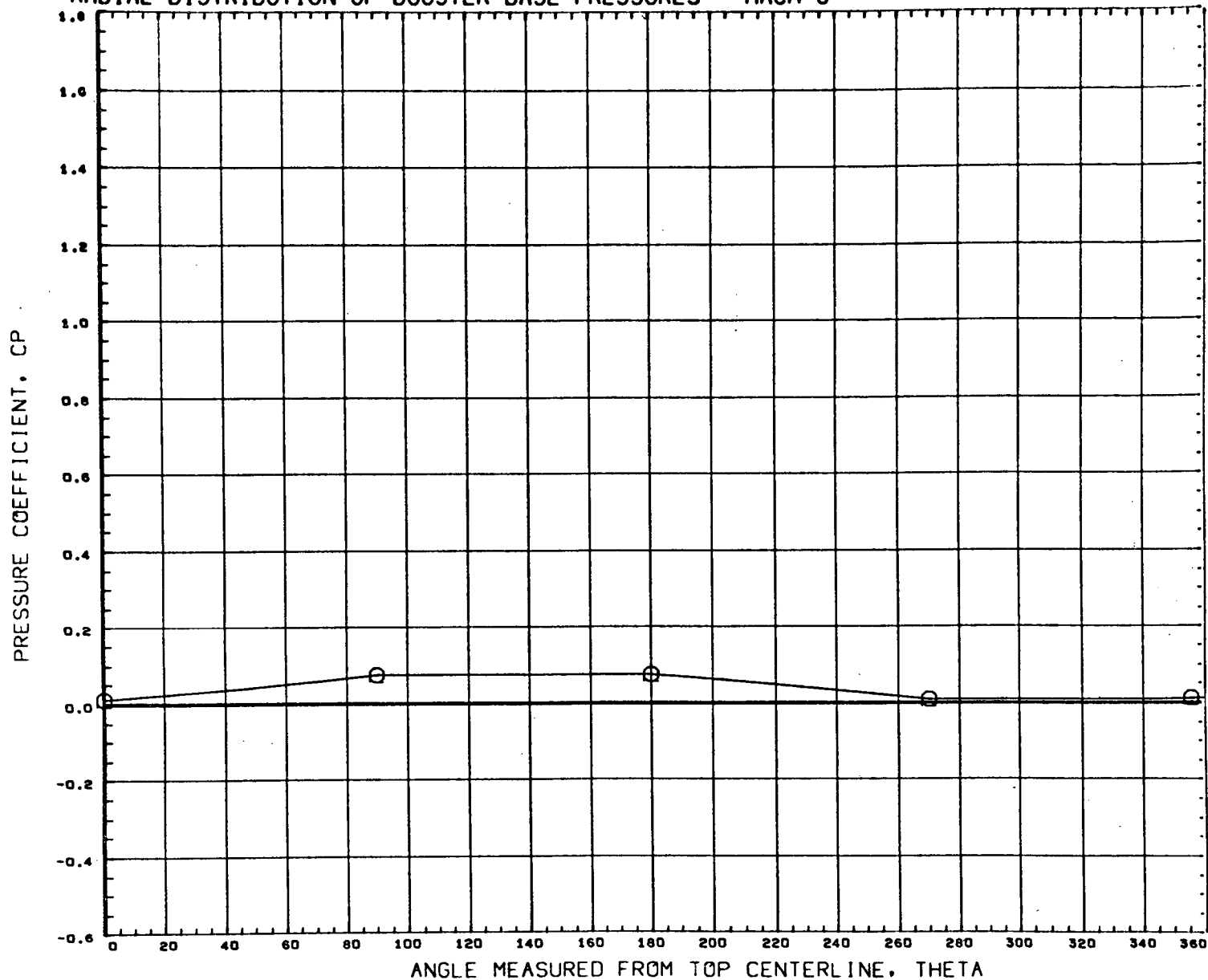
REFERENCE FILE

AEIC VA1163 MDAC BOOSTER (BASE)

•ET8633•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL	DELTA X	X/L	DELTA Z
○	0.103	1.000	0.106

PARAMETRIC VALUES			
BETA	0.000	ALPHA B	4.995
MACH	4.970	ALPHA I	0.000
ORBPOW	0.000	BSTPOW	0.000

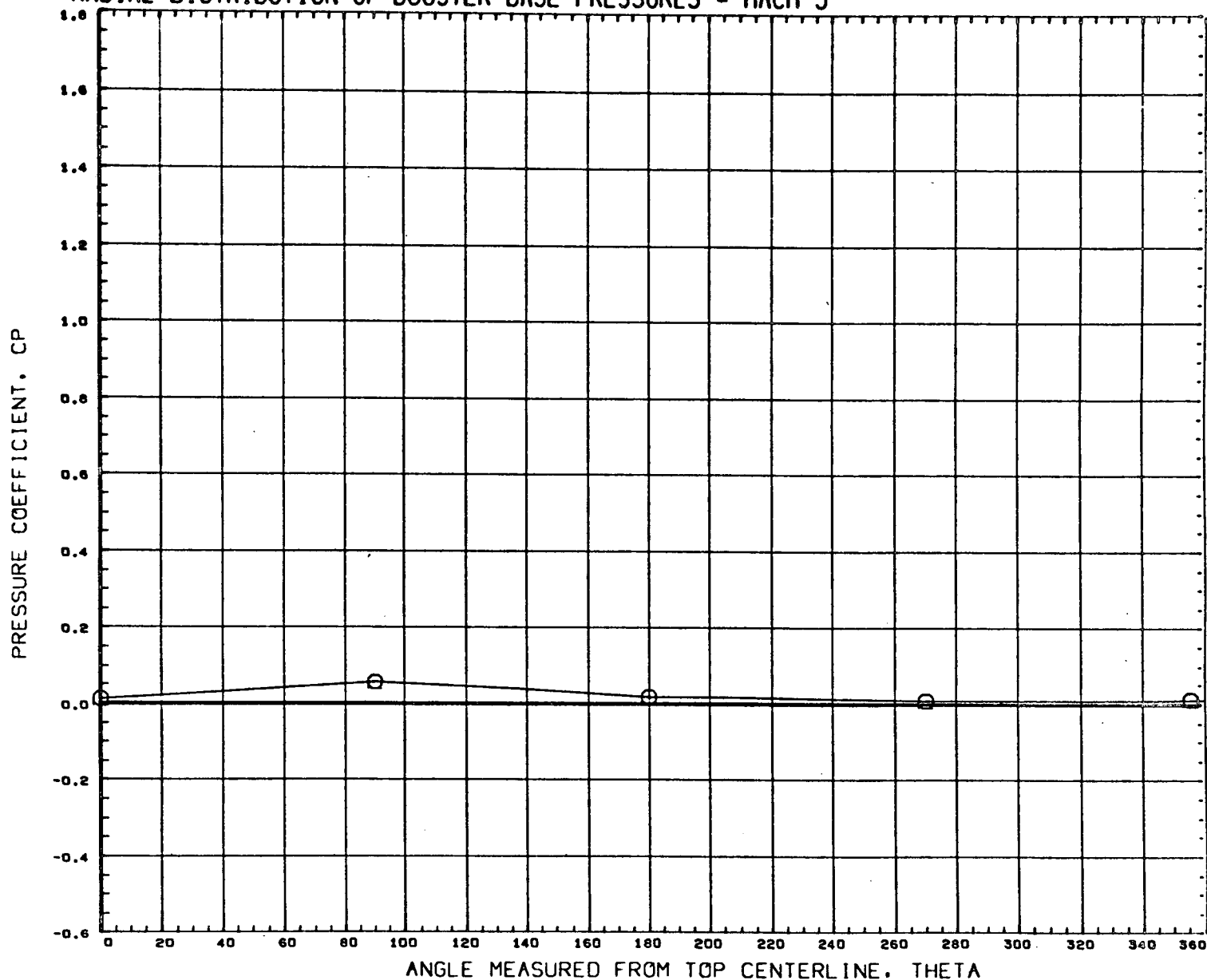
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8634•

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RADIAL DISTRIBUTION OF BOOSTER BASE PRESSURES - MACH 5



SYMBOL DELTAX X/L DELTAZ
 O 0.103 1.000 0.151

PARAMETRIC VALUES
 BETA 0.000 ALPHAB 4.995
 MACH 4.970 ALPHAI 0.000
 ORBPOW 0.000 BSTPOW 0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BASE)

•ET8634•

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